SM-N900W8

User Manual

www.samsung.com

About this manual

This device provides high quality mobile communication and entertainment using Samsung's high standards and technological expertise. This user manual is specially designed to detail the device's functions and features.

- Please read this manual before using the device to ensure safe and proper use.
- Descriptions are based on the device's default settings.
- Images and screenshots may differ in appearance from the actual product.
- Content may differ from the final product, or from software provided by service providers or carriers, and is subject to change without prior notice. For the latest version of the manual, refer to the Samsung website, *www.samsung.com*.
- Content (high quality content) that requires high CPU and RAM usage will affect the overall performance of the device. Applications related to the content may not work properly depending on the device's specifications and the environment that it is used in.
- Available features and additional services may vary by device, software, or service provider.
- Applications and their functions may vary by country, region, or hardware specifications. Samsung is not liable for performance issues caused by applications from any provider other than Samsung.
- Samsung is not liable for performance issues or incompatibilities caused by edited registry settings or modified operating system software. Attempting to customize the operating system may cause the device or applications to work improperly.
- Software, sound sources, wallpapers, images, and other media provided with this device are licensed for limited use. Extracting and using these materials for commercial or other purposes is an infringement of copyright laws. Users are entirely responsible for illegal use of media.
- You may incur additional charges for data services, such as messaging, uploading and downloading, auto-syncing, or using location services. To avoid additional charges, select an appropriate data tariff plan. For details, contact your service provider.

- Default applications that come with the device are subject to updates and may no longer be supported without prior notice. If you have questions about an application provided with the device, contact a Samsung Service Centre. For user-installed applications, contact service providers.
- Modifying the device's operating system or installing softwares from unofficial sources may result in device malfunctions and data corruption or loss. These actions are violations of your Samsung licence agreement and will void your warranty.

Instructional icons

⚠ **Warning**: situations that could cause injury to yourself or others

❗ **Caution**: situations that could cause damage to your device or other equipment

✎ **Note**: notes, usage tips, or additional information

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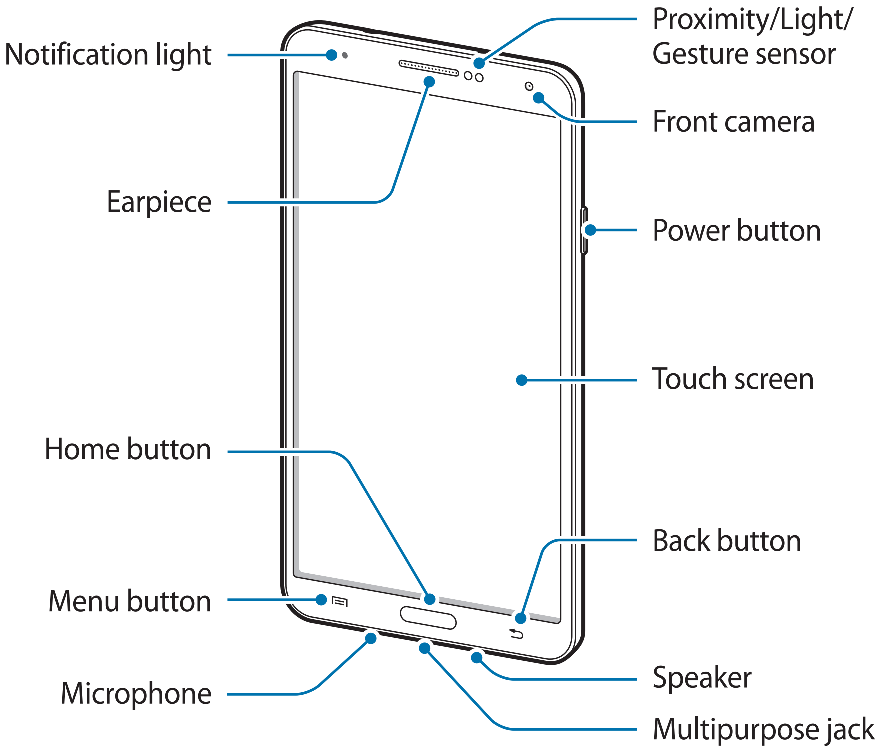
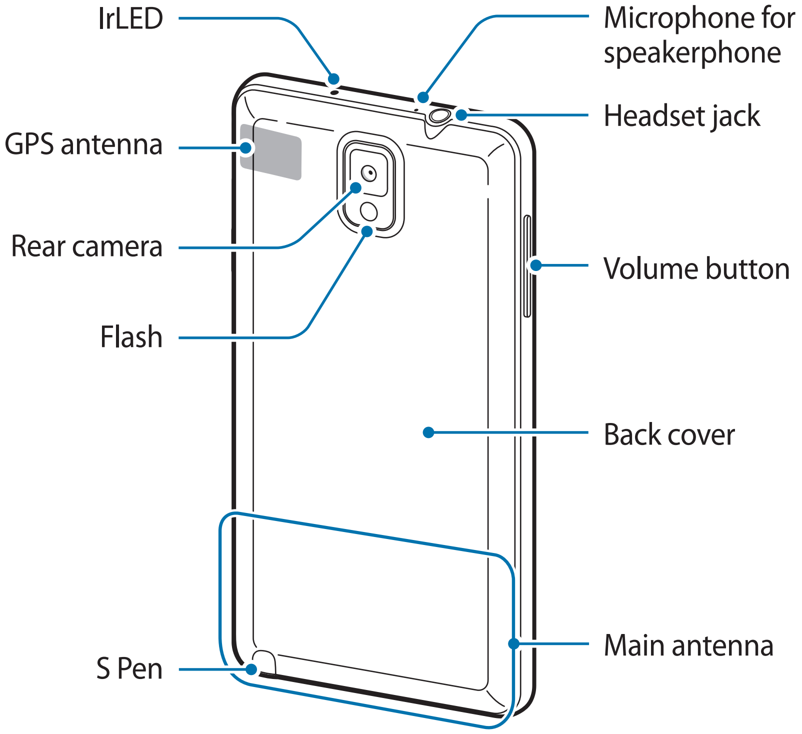
Getting started

Device layout


Notification light
Proximity/Light/ Gesture sensor
Front camera
Earpiece
Power button
Touch screen
Home button
Back button
Menu button
Speaker
Microphone
Multipurpose jack


IrLED
Microphone for speakerphone
Headset jack
GPS antenna
Rear camera
Volume button
Flash
Back cover
Main antenna
S Pen

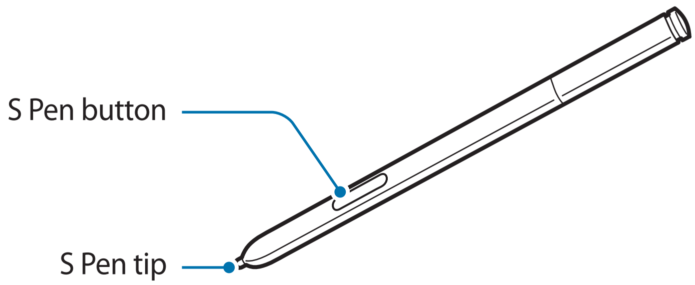
The microphone at the top of the device is active only when you use the speakerphone or take videos.

- Do not cover the antenna area with your hands or other objects. This may cause connectivity problems or drain the battery.
- Do not use a screen protector. This causes sensor malfunctions.
- Do not allow water to contact the touch screen. The touch screen may malfunction in humid conditions or when exposed to water.

Buttons

Button	Function
Power	• Press and hold to turn the device on or off. • Press and hold for more than 7 seconds to reset the device if it has fatal errors or hang-ups, or freezes. • Press to lock or unlock the device. The device goes into lock mode when the touch screen turns off.
Menu	• Tap to open a list of options available for the current screen. • Tap and hold on the Home screen to launch S Finder.
Home	• Press to return to the Home screen. • Press and hold to open the list of recent applications.
Back	• Tap to return to the previous screen.
Volume	• Press to adjust the device volume.

S Pen



Name	Function
S Pen tip	• Perform basic S Pen actions. (p. 23)
S Pen button	• Perform advanced S Pen actions. (p. 34)

Package contents

Check the product box for the following items:

- Device
- Battery
- Quick start guide

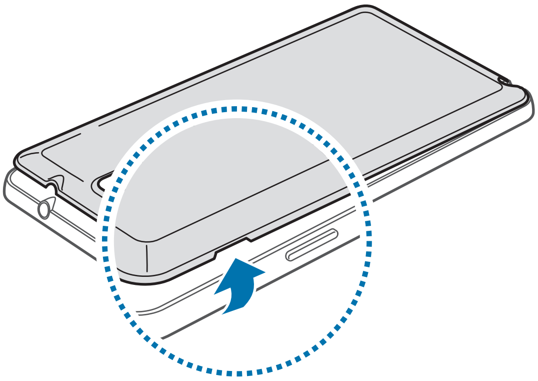
- The items supplied with the device and any available accessories may vary depending on the region or service provider.
- The supplied items are designed only for this device and may not be compatible with other devices.
- Appearances and specifications are subject to change without prior notice.
- You can purchase additional accessories from your local Samsung retailer. Make sure they are compatible with the device before purchase.
- Other accessories may not be compatible with your device.
- Use only Samsung-approved accessories. Malfunctions caused by using unapproved accessories are not covered by the warranty service.
- Availability of all accessories is subject to change depending entirely on manufacturing companies. For more information about available accessories, refer to the Samsung website.

Installing the SIM or USIM card and battery

Insert the SIM or USIM card provided by the mobile telephone service provider, and the included battery.

- Only microSIM cards work with the device.
- Some LTE services may not be available depending on the service provider. For details about service availability, contact your service provider.

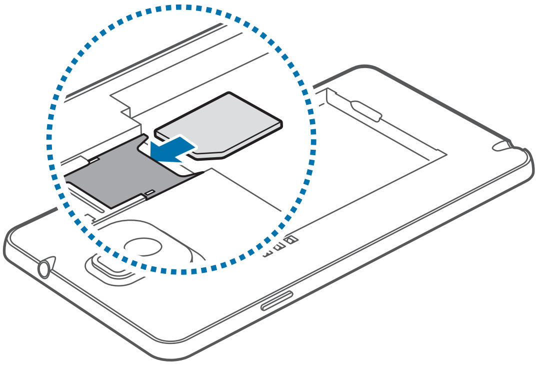
1 Remove the back cover.



Be careful not to damage your fingernails when you remove the back cover.

Do not bend or twist the back cover excessively. Doing so may damage the cover.

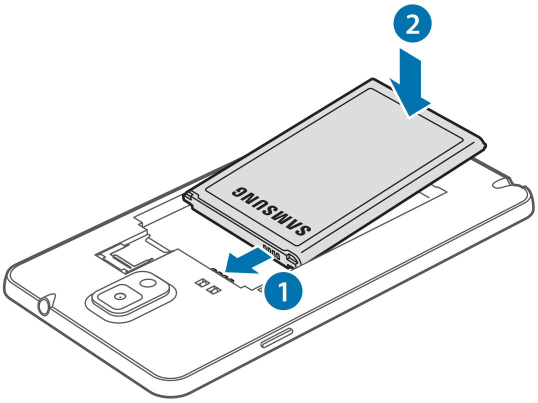
2 Insert the SIM or USIM card with the gold-colored contacts facing downwards.



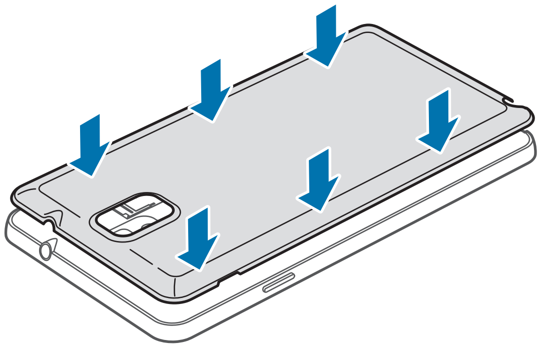
3 Push the SIM or USIM card into the slot until it locks in place.

- Do not insert a memory card into the SIM card slot. If a memory card happens to be lodged in the SIM card slot, take the device to a Samsung Service Centre to remove the memory card.
- Use caution not to lose or let others use the SIM or USIM card. Samsung is not responsible for any damages or inconveniences caused by lost or stolen cards.

4 Insert the battery.



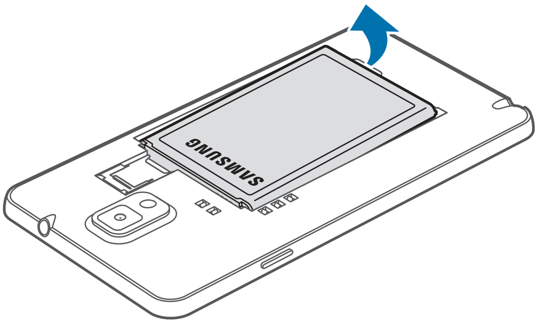
5 Replace the back cover.



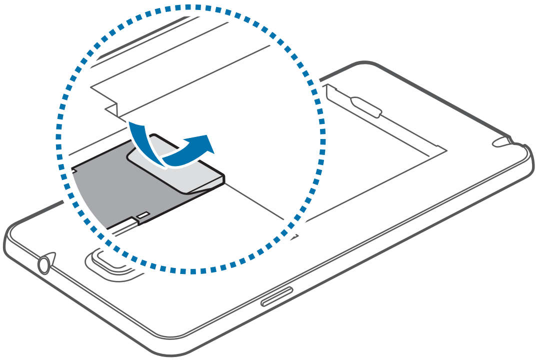
Removing the SIM or USIM card and battery

1 Remove the back cover.

2 Pull out the battery.



3 Press the SIM or USIM card gently with your finger, and then pull it out.



Charging the battery

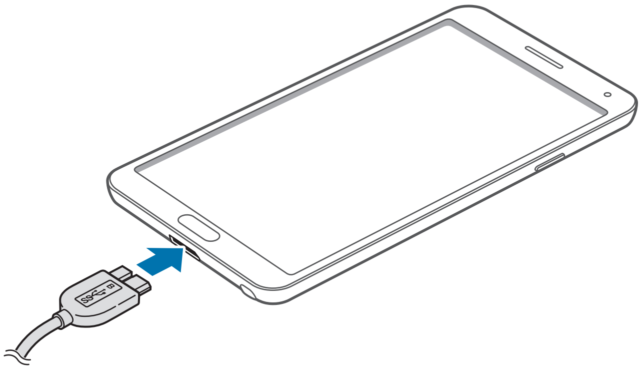
Use the charger to charge the battery before using it for the first time. A computer can be also used to charge the device by connecting them via the USB cable.

Use only Samsung-approved chargers, batteries, and cables. Unapproved chargers or cables can cause the battery to explode or damage the device.

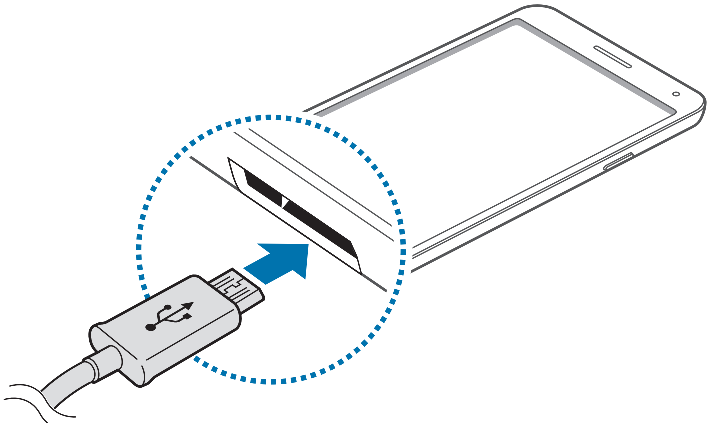
- When the battery power is low, the device emits a warning tone and displays a low battery power message.
- If the battery is completely discharged, the device cannot be turned on immediately when the charger is connected. Allow a depleted battery to charge for a few minutes before turning on the device.
- If you use multiple applications at once, network applications, or applications that need a connection to another device, the battery will drain quickly. To avoid disconnecting from the network or losing power during a data transfer, always use these applications after fully charging the battery.

Charging with the charger

Connect the USB cable to the USB power adaptor and then plug the end of the USB cable into the multipurpose jack.



When using a USB 2.0 cable, plug the USB cable into the right side of the multipurpose jack as shown in the image below.



Connecting the charger improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

- The device can be used while it is charging, but it may take longer to fully charge the battery.
- If the device receives an unstable power supply while charging, the touch screen may not function. If this happens, unplug the charger from the device.
- While charging, the device may heat up. This is normal and should not affect the device's lifespan or performance. If the battery gets hotter than usual, the charger may stop charging.
- If the device is not charging properly, take the device and the charger to a Samsung Service Centre.

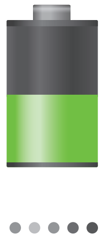
After fully charging, disconnect the device from the charger. First unplug the charger from the device, and then unplug it from the electric socket.

Do not remove the battery before removing the charger. This may damage the device.

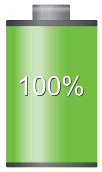
To save energy, unplug the charger when not in use. The charger does not have a power switch, so you must unplug the charger from the electric socket when not in use to avoid wasting power. The charger should remain close to the electric socket and easily accessible while charging.

Checking the battery charge status

When you charge the battery while the device is off, the following icons will show the current battery charge status:



Charging



Fully charged

Reducing the battery consumption

Your device provides options that help you save battery power. By customising these options and deactivating features in the background, you can use the device longer between charges:

- When you are not using the device, switch to sleep mode by pressing the Power button.
- Close unnecessary applications with the task manager.
- Deactivate the Bluetooth feature.
- Deactivate the Wi-Fi feature.
- Deactivate auto-syncing of applications.
- Decrease the backlight time.
- Decrease the brightness of the display.

Inserting a memory card

Your device accepts memory cards with maximum capacities of 64 GB. Depending on the memory card manufacturer and type, some memory cards may not be compatible with your device.

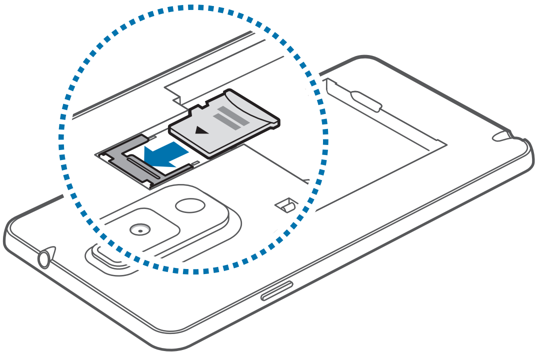
- Some memory cards may not be fully compatible with the device. Using an incompatible card may damage the device or the memory card, or corrupt the data stored in it.
- Use caution to insert the memory card right-side up.

- The device supports the FAT and the exFAT file systems for memory cards. When inserting a card formatted in a different file system, the device asks to reformat the memory card.
- Frequent writing and erasing of data shortens the lifespan of memory cards.
- When inserting a memory card into the device, the memory card’s file directory appears in the **My Files** → **All** → **SD memory card** folder.

1 Remove the back cover.

2 Insert a memory card with the gold-colored contacts facing downwards.

3 Push the memory card into the slot until it locks in place.



4 Replace the back cover.

Removing the memory card

Before removing the memory card, first unmount it for safe removal. On the Home screen, tap **Apps** → **Settings** → **General** → **Storage** → **Unmount SD card**.

1 Remove the back cover.

2 Push the memory card until it disengages from the device, and then pull it out.

3 Replace the back cover.

Do not remove the memory card while the device is transferring or accessing information. Doing so can cause data to be lost or corrupted or damage to the memory card or device. Samsung is not responsible for losses that result from the misuse of damaged memory cards, including the loss of data.

Formatting the memory card

A memory card formatted on a computer may not be compatible with the device. Format the memory card on the device.

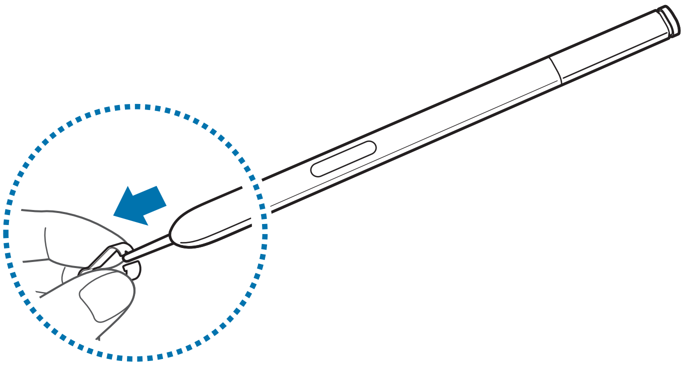
On the Home screen, tap **Apps** → **Settings** → **General** → **Storage** → **Format SD card** → **Format SD card** → **Delete all**.

Before formatting the memory card, remember to make backup copies of all important data stored on the device. The manufacturer's warranty does not cover loss of data resulting from user actions.

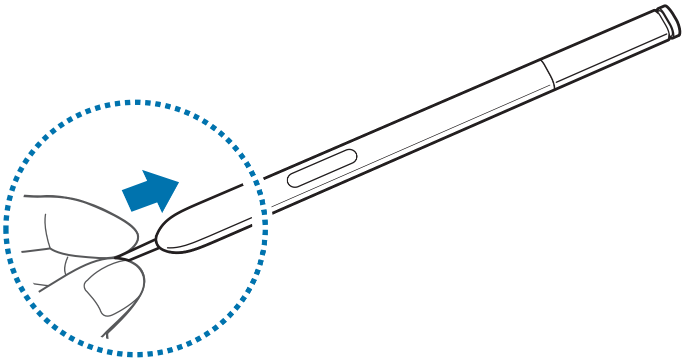
Replacing the S Pen nib

While using the S Pen, the S Pen nib may get dull. If the nib is dull, replace it with a new one.

1 Hold the nib with the tweezer firmly, and then pull it out.



2 Insert a new nib into the S Pen until you hear a click.



Do not let your finger get caught between the tweezer and the nib.

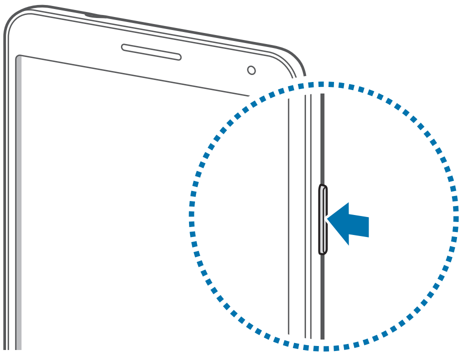
- Do not reuse old nibs. Doing so may cause the S Pen to malfunction.
- Do not press the nib excessively when inserting the nib into the S Pen.
- Do not insert the round end of the nib into the S Pen. This may cause damage to the S Pen or your device.

The black-colored nib has a black rubber cap on the tip. If the rubber cap is worn down, replace the nib with a new one.

Turning the device on and off

When turning on the device for the first time, follow the on-screen instructions to set up your device.

Press and hold the Power button for a few seconds to turn on the device.



- Follow all posted warnings and directions from authorized personnel in areas where the use of wireless devices is restricted, such as aeroplanes and hospitals.
- Press and hold the Power button and tap **Airplane mode** to disable the wireless features.

To turn off the device, press and hold the Power button, and then tap **Power off**.

Holding the device

Do not cover the antenna area with your hands or other objects. This may cause connectivity problems or drain the battery.

Adjusting the volume

Press the Volume button up or down to adjust the ringtone volume, or to adjust the sound volume when playing music or video.

Switching to silent mode

Use one of the following methods:

- Press and hold the Volume button down until it switches to silent mode.
- Press and hold the Power button, and then tap **Mute** or **Vibrate**.
- Open the notifications panel at the top of the screen, and then tap **Sound** or **Vibrate**.

Indicator icons

The icons displayed at the top of the screen provide information about the status of the device. The icons listed in the table below are most common.

Icon	Meaning
⊘	No signal
📶	Signal strength
R📶	Roaming (outside of normal service area)
G	GPRS network connected
E	EDGE network connected
3G	UMTS network connected
H	HSDPA network connected
H+	HSPA+ network connected
4G	LTE network connected
📶	Wi-Fi connected
✱	Bluetooth feature activated
⌖	GPS activated
✆	Call in progress
✆	Missed call
✋	Air gesture feature activated
👁	Smart screen feature activated
⟳	Synced with the web
⭍	Connected to computer
☒	No SIM or USIM card
✉	New text or multimedia message
⏰	Alarm activated
✎	S Pen removed

Icon	Meaning
🔇	Silent mode activated
📳	Vibration mode activated
✈	Airplane mode activated
⚠	Error occurred or caution required
🔋	Battery power level

Using the touch screen

Use only fingers or the S Pen to use the touch screen.

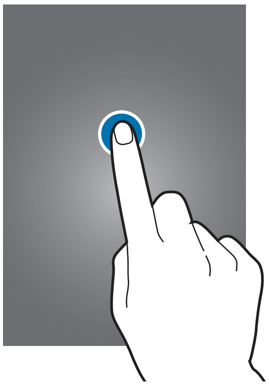
- Do not allow the touch screen to come into contact with other electrical devices. Electrostatic discharges can cause the touch screen to malfunction.
- To avoid damaging the touch screen, do not tap it with anything sharp or apply excessive pressure to it with your fingertips.

- The device may not recognize touch inputs close to the edges of the screen, which are outside of the touch input area.
- Leaving the touch screen idle for extended periods may result in afterimages (screen burn-in) or ghosting. Turn off the touch screen when you do not use the device.

Finger gestures

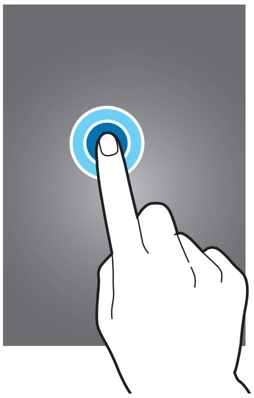
Tapping

To open an application, to select a menu item, to press an on-screen button, or to enter a character using the on-screen keyboard, tap it with a finger.



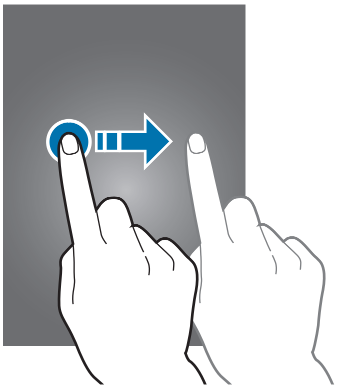
Tapping and holding

Tap and hold an item for more than 2 seconds to access available options.



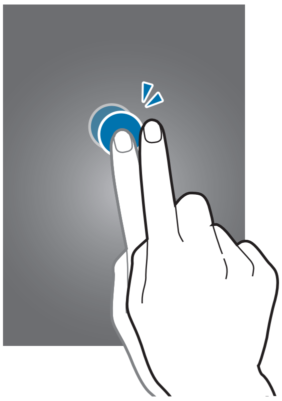
Dragging

To move an icon, thumbnail, or preview to a new location, tap and hold it and drag it to the target position.



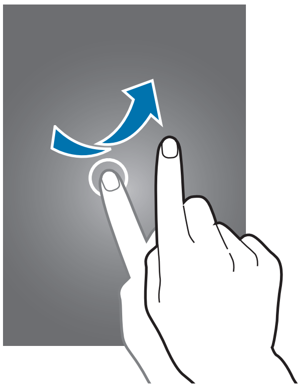
Double-tapping

Double-tap on a webpage or image to zoom in a part. Double-tap again to return.



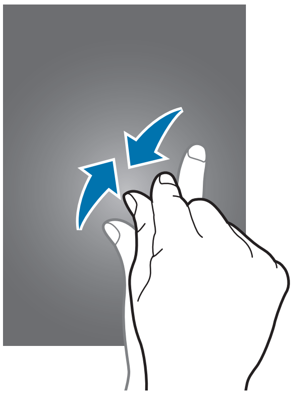
Flicking

Flick left or right on the Home screen or the Applications screen to see another panel. Flick up or down to scroll through a webpage or a list, such as contacts.



Pinching

Spread two fingers apart on a webpage, map, or image to zoom in a part. Pinch to zoom out.



Control motions

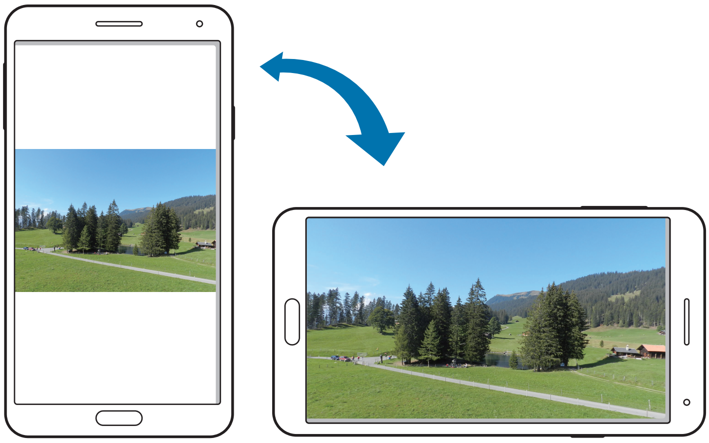
Simple motions allow easy control of the device.

Before using motions, make sure the motion feature is activated. On the Home screen, tap **Apps** → **Settings** → **Controls** → **Motions**, and then drag the **Motions** switch to the right.

Excessive shaking or impact to the device may result in unintended inputs. Control motions properly.

Rotating the screen

Many applications allow display in either portrait or landscape orientation. Rotating the device causes the display to automatically adjust to fit the new screen orientation.

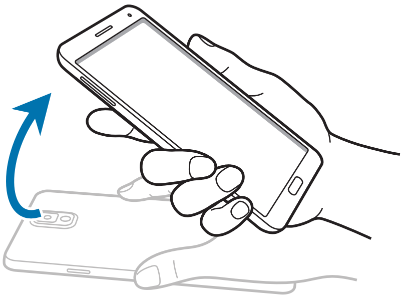


To prevent the display from rotating automatically, open the notifications panel and deselect **Screen rotation**.

- Some applications do not allow screen rotation.
- Some applications display a different screen depending on the orientation. The calculator turns into a scientific calculator when rotated to landscape.

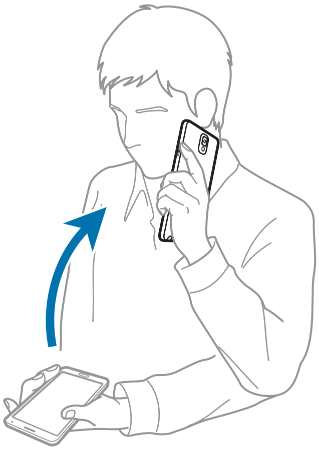
Picking up

When you pick up the device after it has been idle for some time or when the screen has turned off, it vibrates if you have missed calls or new messages.



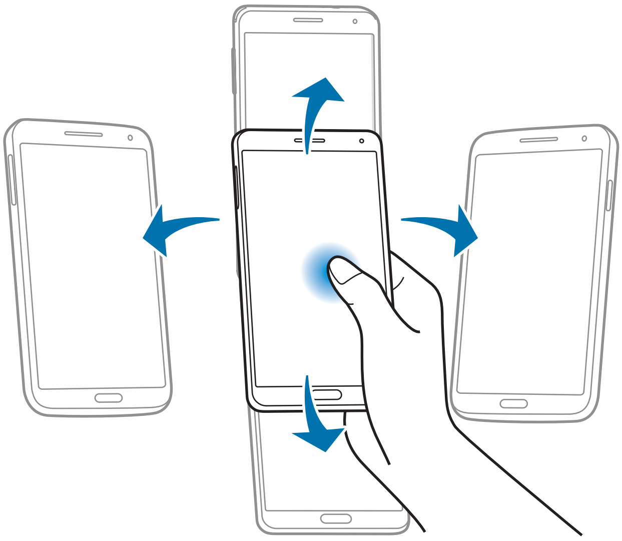
Holding to ear

While viewing call, message, or contact details, pick up and hold the device to your ear to make a call.



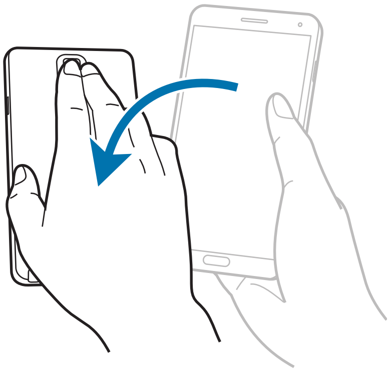
Panning to browse

When an image is zoomed in, tap and hold a point on the screen, and then move the device in any direction to browse the image.



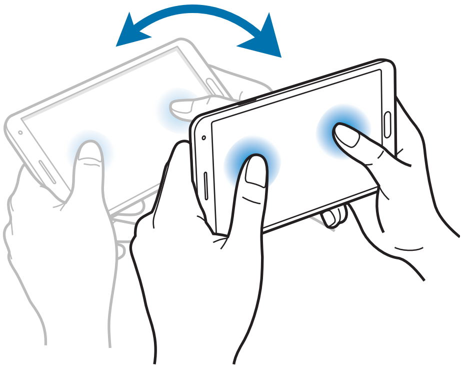
Turning over

Turn over the device to mute ringtone or pause media playback.



Tilting

Tap and hold two points on the screen, and then tilt the device back and forth to zoom in or out.



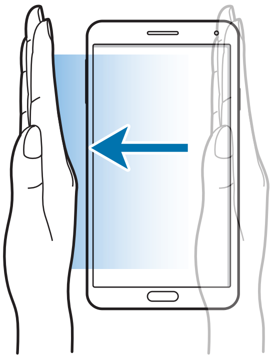
Palm motions

Use palm motions to control the device by touching the screen.

Before using motions, make sure the palm motion feature is activated. On the Home screen, tap **Apps** → **Settings** → **Controls** → **Palm motion**, and then drag the **Palm motion** switch to the right.

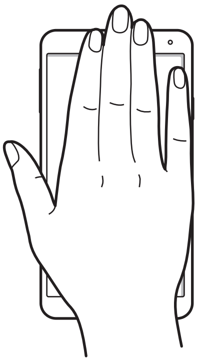
Sweeping

Sweep your hand across the screen to capture a screenshot. The image is saved in **Gallery** → **Screenshots**. It is not possible to capture a screenshot while using some applications.



Covering

Cover the screen with a palm to pause media playback.



Air Gesture

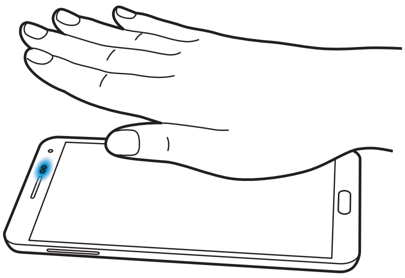
Use this feature to control functions without touching the screen.

Before using this feature, make sure the air gesture feature is activated. On the Home screen, tap **Apps** → **Settings** → **Controls** → **Air gesture**, and then drag the **Air gesture** switch to the right.

The device may not recognize your gestures if you perform them too far from the device or while wearing dark-colored clothes, such as gloves.

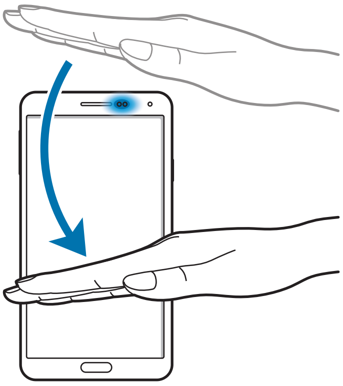
Quick glance

When the screen is turned off, move your hand above the sensor to view notifications, missed calls, new messages, time and date, and more.



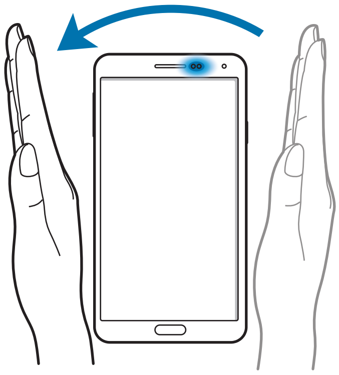
Air jump

While viewing emails or webpages, move your hand up or down across the sensor to scroll the page up or down.



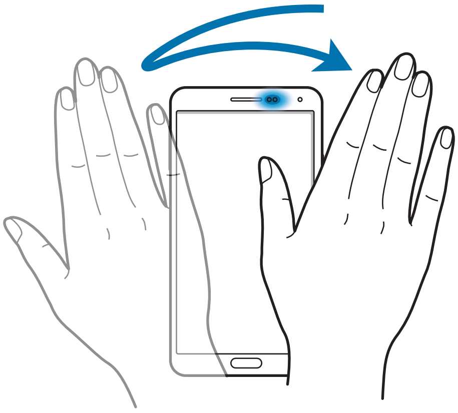
Air browse

Move your hand to the left or right across the sensor to browse images, webpages, songs, or memos.



Air call-accept

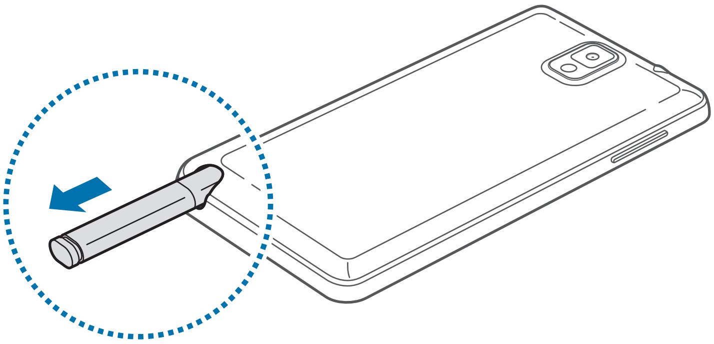
When a call comes in, move your hand to the left, and then to the right across the sensor to answer the call.



Using the S Pen

The included S Pen can be used to easily select items or perform functions. Actions using the S Pen with the button pressed provide additional conveniences, such as screen capture.

Pull out the S Pen from the slot to use it.



When you pull out the S Pen from the slot, the device detects it and performs the following:

- Turns on the touch screen (if it is off).
- Launches Action Memo, or displays air command.

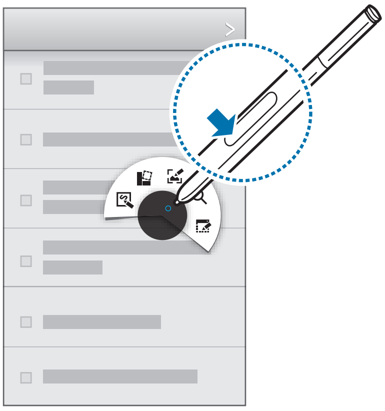
- The pen nib of the S Pen is replaceable. If the pen nib gets dull, replace it with a new one.
- If the S Pen is not working properly, take it to a Samsung Service Centre. Refer to the Samsung website for more information about the S Pen.
- For best results, keep the S Pen mostly perpendicular to the touch screen and avoid using it at sharp angles.
- The Menu button and the Back button can be used by the S Pen.

Air command

Press the S Pen button while hovering the S Pen over the screen to display air command.

With this feature, you can directly use the following actions:

- **Action Memo**: Write a memo, and then select it by drawing a line around it to take actions related to the memo.
- **Scrapbooker**: Collect a variety of content and save it in **Scrapbook**. (p. 135)
- **Screen Write**: Capture a screenshot and edit it.
- **S Finder**: Search for a wide variety of content on your device. (p. 133)
- **Pen Window**: Launch multiple applications in specified areas on the screen.



Making a simple memo

Tap **Action Memo** on the air command. Alternatively, with the S Pen button pressed, double-tap the screen. Jot down or draw a memo, and then select the memo by tapping to perform various actions, such as making a call, adding contacts, sending messages.

With selected, draw a line around an area with the S Pen to perform actions with the selected area.

Capturing screenshots

Tap **Screen Write** on the air command. Alternatively, with the S Pen button pressed, touch the screen until you hear a click. It is possible to draw or write on or to crop a screenshot.

The screenshot is saved in the **Gallery** → **Screenshots** folder.

It is not possible to capture a screenshot while using some applications.

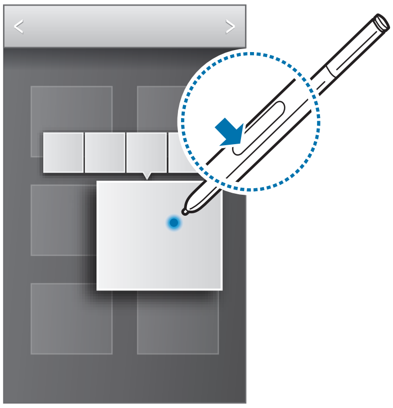
Launching multiple applications

Tap **Pen Window** on the air command. Draw a line around an area, and then select an application. The application is launched in the area that you have drawn. To minimize the application, tap _. Minimized applications are always displayed on top.

To close the applications, tap ×.

Opening available options

Some items have contextual menus that make the S Pen pointer glow. Press the S Pen button to display the menu while hovering the S Pen over the item.



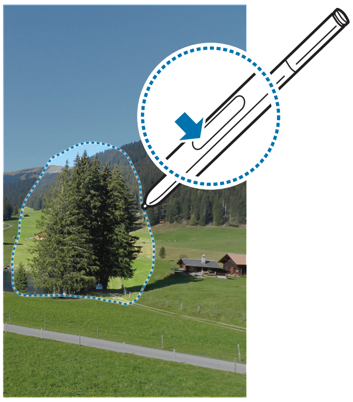
Selecting and capturing an image

With the S Pen button pressed, draw a line around an area to select it.

If necessary, use one of the following options:

- : Restore the original selection.
- ◌ : Convert the selection to circular shape.
- ⬚ : Convert the selection to rectangular shape.
- : Customize the selection.

Select an application to use with the selected area from the icons that appear at the bottom of the screen.



S Pen keeper

When the touch screen is off and S Pen is removed from the device, the device displays a pop-up alert and emits a sound if you walk. Access the S Pen settings to activate or deactivate the feature.

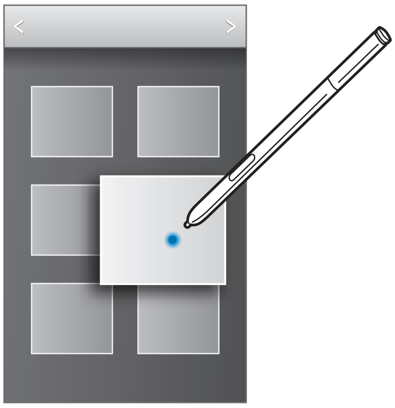
Air view

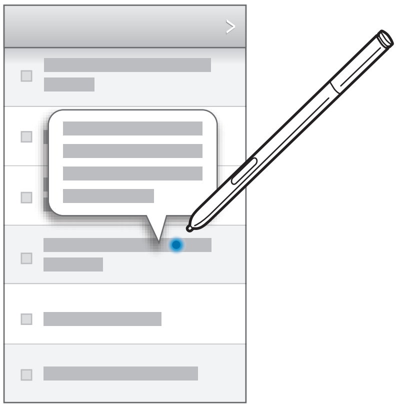
Use this feature to perform various functions while the S Pen or your finger is hovering over the screen.

On the Home screen, tap **Apps** → **Settings** → **Controls** → **Air view**, and then drag the **Air view** switch to the right.

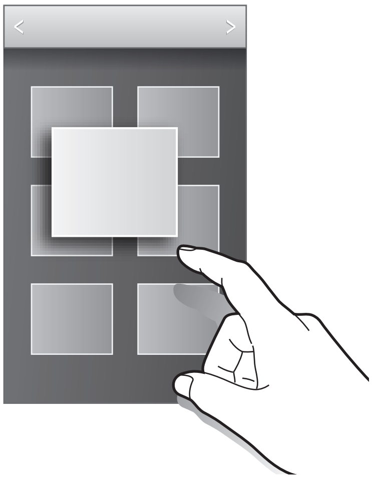
Point at an item with the S Pen or your finger to preview content or view information in a pop-up window.

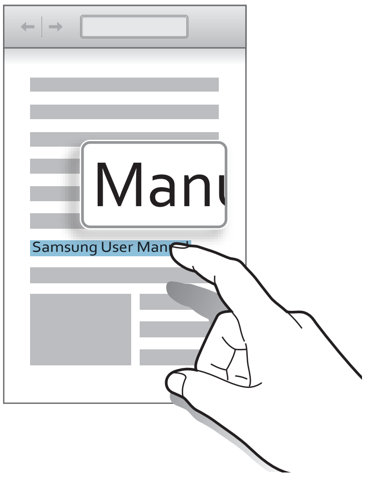
You can scroll through panels or lists by moving the S Pen pointer to an edge (top/bottom/left/right) of the screen.





When you point at an area on a webpage for a few seconds with your finger, the device magnifies the area.



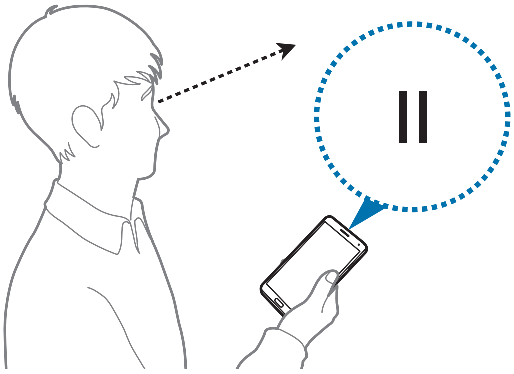


Samsung Smart Pause

Use this feature to pause videos when you look away from the screen.

On the Home screen, tap **Apps** → **Settings** → **Controls** → **Smart screen**, and then tick **Smart pause**.

During video playback, look away from the screen to pause the video. To resume playback, look at the screen again.



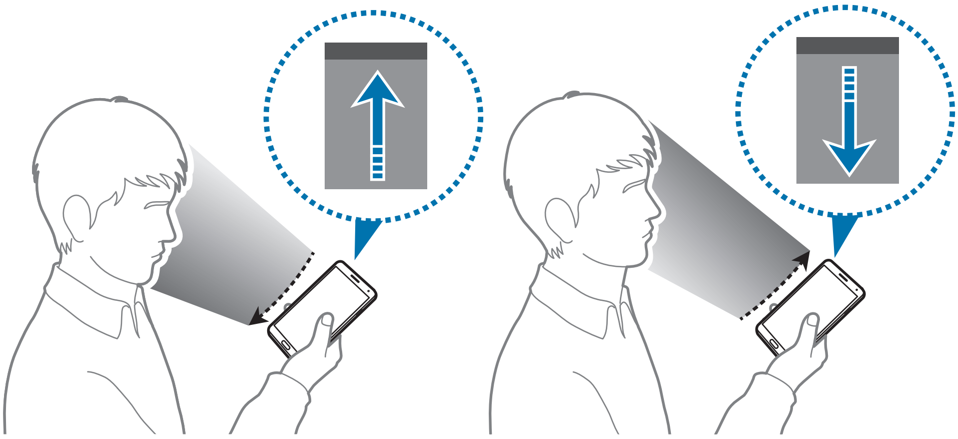
Samsung Smart Scroll

Use this feature to scroll the screen up or down by tilting your head or the device.

On the Home screen, tap **Apps** → **Settings** → **Controls** → **Smart screen** → **Smart scroll**, and then drag the **Smart scroll** switch to the right. Tap **Smart scroll**, and then select a scroll type.

When you are viewing emails or webpages, the scroll type icon (👁 for head orientation) that shows the recognition status for movements appears.

When the device recognizes your head or device's movements, the icon is changed to 👁 or ⇕. Then, tilt your head downward or upward, or tilt the device forward or backward to scroll in that direction.



Increasing touch screen sensitivity

Use this feature to let the device increase its touch sensitivity.

On the Home screen, tap **Apps** → **Settings** → **Controls**, and then tick **Increase touch sensitivity**.

- Use leather gloves for better recognition while touching the screen. Other types of material may not be recognized.
- For best results, tap the screen firmly while wearing gloves.
- The screen may not respond if you are wearing gloves when using the device through the S View cover window.

Activating Multi Window

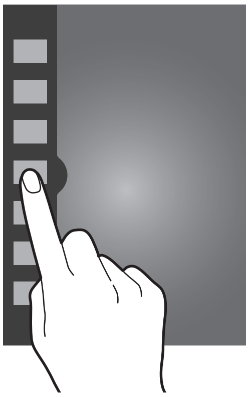
Use this feature to run two applications on the screen at the same time.

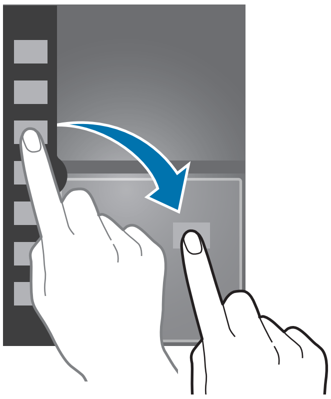
- Only applications on the Multi Window panel can run.
- When launching applications that contain multimedia files, such as music or videos, sound from both files will be played.
- This feature may not be available depending on the region or service provider.

To use Multi Window, on the Applications screen, tap **Settings** → **Device** → **Multi window**.

Using the Multi Window panel

To show the Multi Window panel, tap and hold ↩. The Multi Window panel appears at the left side of the screen. Select one application, and then drag another application to a new location. You can launch the same application on the two windows at the same time. To hide the Multi Window panel, tap and hold ↩ again.





Drag the circle between the application panels up or down to adjust the size of the panels.

Tap the panel handle to hide or show the panel. When a panel is open, tap and hold the handle and drag it to the left or right edge of the screen to move the panel. When a panel is hidden, tap and hold the handle and drag it up or down to move the handle.

Using Multi Window applications

While using Multi Window applications, select an application window, tap the circle between the application windows, and then use one of the following:

- : Open a list of recently-used applications in the selected window.
- : Switch locations between Multi Window applications.
- : Share items between the application windows. Drag an item to share from one window to another. Some applications may not support this feature.
- ☒ : Close the application.

Sharing files

Drag an item you want to share to the other window to share the item from one window to another. Some applications may not support this feature.

Creating a paired window

Use this feature to save the combination of current running Multi Window applications.

On the Multi Window panel, tap → **Create**, enter a title, and then tap **OK**.

Notifications

Notification icons appear on the status bar at the top of the screen to report missed calls, new messages, calendar events, device status, and more. Drag down from the status bar to open the notifications panel. Scroll the list to see additional alerts. To close the notifications panel, drag up the bar that is at the bottom of the screen.

From the notifications panel, you can view your device's current settings. Drag down from the status bar, and then tap to use the following options:

- **Wi-Fi**: Activate or deactivate the Wi-Fi feature.
- **GPS**: Activate or deactivate the GPS feature.
- **Sound**: Activate or deactivate silent mode. You can vibrate or mute your device in silent mode.

- **Screen rotation**: Allow or prevent the interface from rotating when you rotate the device.
- **Bluetooth**: Activate or deactivate the Bluetooth feature.
- **Reading mode**: Activate or deactivate reading mode. In reading mode, the device helps protect your eyes when reading at night. To select which applications will be used for, tap **Settings** → **Device** → **Display** → **Reading mode**.
- **Mobile data**: Activate or deactivate the data connection.
- **Blocking mode**: Activate or deactivate blocking mode. In blocking mode, your device will block notifications. To select which notifications will be blocked, tap **Settings** → **Device** → **Blocking mode**.
- **Power saving**: Activate or deactivate power-saving mode.
- **Multi window**: Set to use Multi Window.
- **Screen Mirroring**: Activate or deactivate the screen mirroring feature.
- **Wi-Fi hotspot**: Activate or deactivate the Wi-Fi tethering feature.
- **S Beam**: Activate or deactivate the S Beam feature.
- **NFC**: Activate or deactivate the NFC feature.
- **Air view**: Activate or deactivate the air view feature.
- **Air gesture**: Activate or deactivate the air gesture feature.
- **Hands-free mode**: Activate or deactivate driving mode.
- **Smart stay**: Activate or deactivate the smart stay feature.
- **Smart pause**: Activate or deactivate the smart pause feature.
- **Smart scroll**: Activate or deactivate the smart scroll feature.
- **Sync**: Activate or deactivate auto-syncing of applications.
- **Airplane mode**: Activate or deactivate airplane mode.

The available options may vary depending on the region or service provider.

To rearrange the options on the notifications panel, open the notifications panel, tap ✎, tap and hold an item, and then drag the item to another location.

Home screen

The Home screen is the starting point to access all of the device's features. It displays indicator icons, widgets, shortcuts to applications, and others.

The Home screen can have multiple panels. To view other panels, scroll left or right.

Changing the Home screen mode

The Home screen has standard and easy modes. In easy mode, you can easily access your favorite contacts, applications, and settings by adding shortcuts to the Home screen.

To switch to easy mode, on the Home screen, tap **Apps** → **Settings** → **Device** → **Easy mode**, and then drag the **Easy mode** switch to the right.

Rearranging items

Adding an application icon

On the Home screen, tap **Apps**, tap and hold an application icon, and then drag it into a panel preview.

Adding an item

Customize the Home screen by adding widgets, folders, or panels.

Tap and hold the empty area on the Home screen, and then select one of the following categories:

- **Apps and widgets**: Add widgets or applications to the Home screen.
- **Folder**: Create a new folder.
- **Page**: Rearrange panels on the Home screen.

Moving an item

Tap and hold an item and drag it to a new location. To move it to another panel, drag it to the side of the screen.

Removing an item

Tap and hold an item, and drag it to the rubbish bin that appears at the top of the Home screen. When the rubbish bin turns red, release the item.

Rearranging panels

Adding a new panel

Tap ☰ → **Edit page** → ➕.

Moving a panel

Tap ☰ → **Edit page**, tap and hold a panel preview, and then drag it to a new location.

Removing a panel

Tap ☰ → **Edit page**, tap and hold a panel preview, and then drag it to the rubbish bin at the top of the screen.

Setting wallpaper

Set an image or photo stored in the device as wallpaper for the Home screen.

On the Home screen, tap ☰ → **Set wallpaper** → **Home screen**, and then select one of the following:

- **Gallery**: See photos taken by the device's camera or images downloaded from the Internet.
- **Live wallpapers**: See animated images.
- **Wallpapers**: See wallpaper images.

Then, select an image and tap **Set wallpaper**. Or, select an image, resize it by dragging the frame, and then tap **Done**.

Using widgets

Widgets are small applications that provide convenient functions and information on your Home screen. To use them, add widgets from the widgets panel to the Home screen.

- Some widgets connect to web services. Using a web-based widget may result in additional charges.
- The widgets available may vary depending on the region or service provider.

Adding widgets to the Home screen

On the Home screen, tap **Apps** → **Widgets**. Scroll left or right on the widgets panel, and then tap and hold a widget to add it to the Home screen. Put it on a location you want, resize it by dragging the frame if necessary, and then tap anywhere on the screen to save the location of the widget.

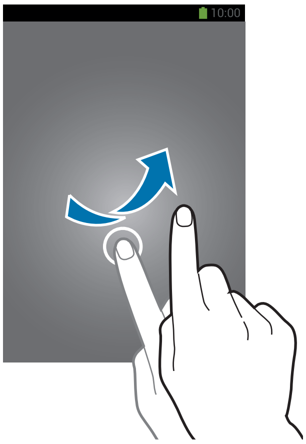
Locked screen

The locked screen prevents the device from unwanted operation when not in use and also allows you to add convenient widgets.

Locking and unlocking the device

Pressing the Power button turns off the screen and puts the device into lock mode. The device automatically gets locked if it is not used for a specified period.

To unlock the device, press the Power button or the Home button and flick your finger in any direction within the unlock screen area at the lower part of the screen.

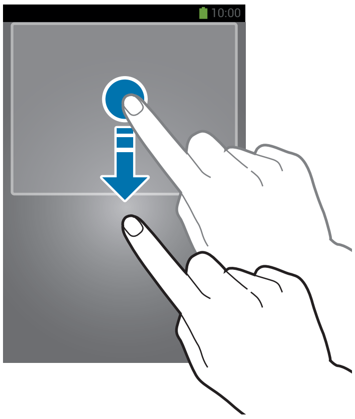


Adding widgets

To use widgets when the screen is locked, tap **Apps** → **Settings** → **Device** → **Lock screen** → **Multiple widgets** and then drag the **Multiple widgets** switch to the right.

You cannot use widgets on the locked screen in easy mode.

Drag the widgets panel down to expand it. Scroll right to the last page, tap +, and then select a widget to add to the locked screen.



Rearranging panels

Moving a panel

Drag the widgets panel down, scroll left or right, tap and hold a panel preview, and then drag it to a new location.

Removing a panel

Drag the widgets panel down, scroll left or right, tap and hold a panel preview, and then drag it to the rubbish bin at the top of the screen.

Using applications

This device can run many different types of applications, ranging from media to Internet applications.

Opening an application

On the Home screen or the Applications screen, select an application icon to open it.

Some applications are grouped into folders. Tap a folder, and then tap an application to open it.

Opening from recently-used applications

Press and hold the Home button to open the list of recently-used applications.

Select an application icon to open.

Closing an application

Close applications not in use to save battery power and maintain device performance.

Press and hold the Home button, tap ◷, and then tap **End** next to an application to close it. To close all running applications, tap **End all**. Alternatively, press and hold the Home button, and then tap ☒.

Applications screen

The Applications screen displays icons for all applications, including any new applications installed.

On the Home screen, tap **Apps** to open the Applications screen.

To view other panels, scroll left or right.

Rearranging applications

Tap ☰ → **Edit**, tap and hold an application, and then drag it to a new location. To move it to another panel, drag it to the side of the screen.

Organising with folders

Put related applications together in a folder for convenience.

Tap ☰ → **Edit**, tap and hold an application, and then drag it to **Create folder**. Enter a folder name and then tap **OK**. Put applications into the new folder by dragging, and then tap **Save** to save the arrangement.

Rearranging panels

Pinch on the screen, tap and hold a panel preview, and then drag it to a new location.

Installing applications

Use application stores, such as **Play Store**, to download and install applications.

Uninstalling applications

Tap ☰ → **Uninstall/disable apps**, and then select an application to uninstall it.

Default applications that come with the device cannot be uninstalled.

Help

Access help information to learn how to use the device and applications or configure important settings.

Tap **Help** on the Applications screen. Select a category to view tips.

To sort categories by an alphabetical order, tap a-z.

To search for keywords, tap 🔍.

One-handed operation

You can activate one-handed operation mode for your convenience. In this mode, application interfaces are modified for easy use with one hand.

On the Applications screen, tap **Settings** → **Controls** → **One-handed operation**. Tick applications or features to use with the mode.

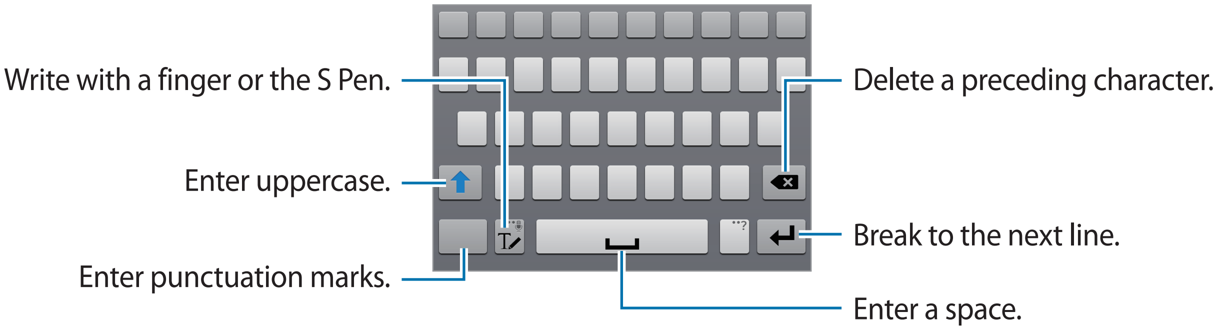
Entering text

Use the Samsung keyboard or the voice input feature to enter text.

Text entry is not supported in some languages. To enter text, you must change the input language to one of the supported languages.

Changing the keyboard type

Tap any text field, open the notifications panel, tap **Select input method**, and then select the type of keyboard to use.


Write with a finger or the S Pen.
Enter uppercase.
Enter punctuation marks.
Delete a preceding character.
Break to the next line.
Enter a space.

Entering uppercase

Tap ⬆ before entering a character. For all caps, tap it twice.

Changing the keyboard type

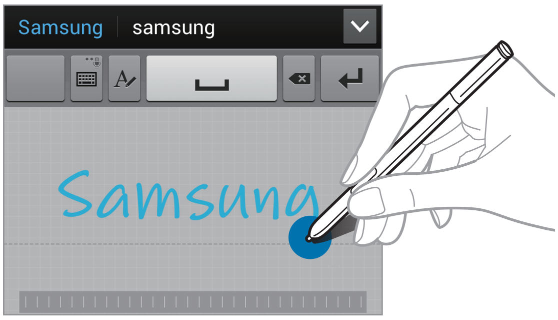
Tap and hold T✎, and then tap ⌨ to change the keyboard type.

Changing language keyboards

Add languages to the keyboard, and then slide the space key left or right to change language keyboards.

Handwriting

Tap T✎, and then write a word with a finger or the S Pen. Suggested words appear as characters are entered. Select a suggested word.



Use handwriting gestures to perform actions, such as editing or deleting characters and inserting spaces. To view the gesture guides, tap and hold T✎, and then tap ⚙ → **Help** → **Use handwriting gestures**.

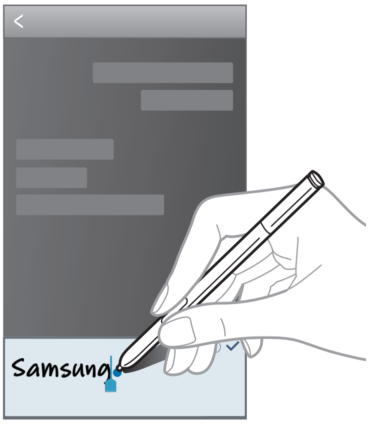
Direct pen input

On the Applications screen, tap **Settings** → **Controls** → **S Pen** → **Direct pen input**, and then drag the **Direct pen input** switch to the right.

When hovering the S Pen over a text field, ✎ icon appears at the upper left corner of the text field. Tap ✎ to write with the S Pen. To make simple corrections, change input languages, or enter a space between characters, tap each correction tool displayed on the handwriting pad.

When this feature is enabled, you can do the following actions:

- Send a handwritten message.
- Make a call by writing a contact name or a phone number on the keypad.
- Set an alarm just by writing numbers.
- Browse the Internet by writing web addresses.



Entering text by voice

Activate the voice input feature and then speak into the microphone. The device displays what you speak.

If the device does not recognize your words, tap the underlined text and select an alternative word or phrase from the dropdown list.

To change the language or add languages for voice recognition, tap the current language.

Copying and pasting

Tap and hold over text, drag ▮ or ▮ to select more or less text, and then tap **Copy** to copy or **Cut** to cut. The selected text is copied to the clipboard.

To paste it into a text entry field, tap and hold at the point where it should be inserted, and then tap **Paste**.

Connecting to a Wi-Fi network

Connect the device to a Wi-Fi network to use the Internet or share media files with other devices. (p. 140)

Turning Wi-Fi on and off

Open the notifications panel, and then tap **Wi-Fi** to turn it on or off.

Turn off Wi-Fi to save the battery when not in use.

Joining Wi-Fi networks

On the Applications screen, tap **Settings** → **Connections** → **Wi-Fi**, and then drag the **Wi-Fi** switch to the right.

Select a network from the list of detected Wi-Fi networks, enter a password if necessary, and then tap **Connect**. Networks that require a password appear with a lock icon. After the device connects to a Wi-Fi network, the device will automatically connect to it any time it is available.

Adding Wi-Fi networks

If the desired network does not appear in the networks list, tap **Add Wi-Fi network** at the bottom of the networks list. Enter the network name in **Network SSID**, select the security type and enter the password if it is not an open network, and then tap **Connect**.

Forgetting Wi-Fi networks

Any network that has ever been used, including the current network, can be forgotten so the device will not automatically connect to it. Select the network in the networks list, and then tap **Forget**.

Setting up accounts

Google applications, such as **Play Store**, require a Google account. Create Google account to have the best experience with the device.

Adding accounts

Follow the instructions that appear when opening a Google application without signing in to set up a Google account.

To sign in with or sign up for a Google account, on the Applications screen, tap **Settings** → **General** → **Accounts** → **Add account** → **Google**. After that, tap **New** to sign up, or tap **Existing**, and then follow on-screen instructions to complete the account setup. More than one Google account can be used on the device.

Removing accounts

On the Applications screen, tap **Settings** → **General** → **Accounts**, select an account name under **My accounts**, select the account to remove, and then tap **Remove account**.

Transferring files

Move audio, video, image, or other types of files from the device to the computer, or vice versa.

- The following file formats are supported by some applications. Some file formats are not supported depending on the version of the device's software or the computer operating system.
  - Music: mp3, m4a, mp4, 3gp, 3ga, wma, ogg, oga, aac, and flac
  - Image: bmp, gif, jpg, and png
  - Video: avi, wmv, asf, flv, mkv, mp4, 3gp, webm, and ts
  - Document: doc, docx, xls, xlsx, ppt, pptx, pdf, and txt
- Some file formats, such as DivX or AC3, are not supported. To play these files, install an application which supports them.
- This device is compatible with USB 3.0 and under devices. When using a USB 3.0 device, make sure to use a USB 3.0 cable.
- USB 3.0 speeds up data transfers, but it may sometimes interfere with calls or data when it is in use. It will turn off automatically after 10 minutes if it is not being used, and your connection will switch to using USB 2.0.

Connecting with Samsung Kies

Samsung Kies is a computer application that manages media contents and personal information with Samsung devices. Download the latest Samsung Kies from the Samsung website.

1 Connect the device to the computer using the USB cable.

Samsung Kies launches on the computer automatically. If Samsung Kies does not launch, double-click the Samsung Kies icon on the computer.

2 Transfer files between your device and the computer.

Refer to the Samsung Kies help for more information.

Connecting with Windows Media Player

Ensure that Windows Media Player is installed on the computer.

1 Connect the device to the computer using the USB cable.

2 Open Windows Media Player and sync music files.

Connecting as a media device

1 Connect the device to the computer using the USB cable.

2 Open the notifications panel, and then tap **Connected as a media device** → **Media device (MTP)**.

Tap **Camera (PTP)** if your computer does not support Media Transfer Protocol (MTP) or not have any appropriate driver installed.

3 Transfer files between your device and the computer.

Securing the device

Prevent others from using or accessing personal data and information stored in the device by using the security features. The device requires an unlock code whenever unlocking it.

Setting a signature

On the Applications screen, tap **Settings** → **Device** → **Lock screen** → **Screen lock** → **Signature**.

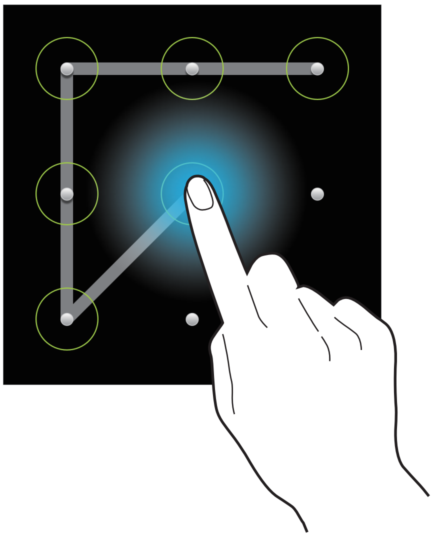
Write your signature with the S Pen, and then write the signature two more times to verify it. Set a backup unlock PIN to unlock the screen when you forget the signature.

When unlocking the device, make sure to write your signature in the same conditions, such as writing angle, as when you registered the signature.

Setting a pattern

On the Applications screen, tap **Settings** → **Device** → **Lock screen** → **Screen lock** → **Pattern**.

Draw a pattern by connecting four dots or more, and then draw the pattern again to verify it. Set a backup unlock PIN to unlock the screen when you forget the pattern.



Setting a PIN

On the Applications screen, tap **Settings** → **Device** → **Lock screen** → **Screen lock** → **PIN**.

Enter at least four numbers, and then enter the password again to verify it.

Setting a password

On the Applications screen, tap **Settings** → **Device** → **Lock screen** → **Screen lock** → **Password**.

Enter at least four characters including numbers and symbols, and then enter the password again to verify it.

Unlocking the device

Turn on the screen by pressing the Power button or the Home button, and enter the unlock code.

If the unlock code is forgotten, take the device to a Samsung Service Centre to reset it.

Upgrading the device

The device can be upgraded to the latest software.

This feature may not be available depending on the region or service provider.

Upgrading with Samsung Kies

Launch Samsung Kies and connect the device to the computer. Samsung Kies automatically recognizes the device and shows available updates in a dialogue box, if any. Click the Update button in the dialogue box to start upgrading. Refer to the Samsung Kies help for details on how to upgrade.

- Do not turn off the computer or disconnect the USB cable while the device is upgrading.
- While upgrading the device, do not connect other media devices to the computer. Doing so may interfere with the update process.

Upgrading over the air

The device can be directly upgraded to the latest software by the firmware over-the-air (FOTA) service.

On the Applications screen, tap **Settings** → **General** → **About device** → **Software update** → **Update**.

Communication

Phone

Use this application to make or answer a call.

Tap **Phone** on the Applications screen.

Making calls

Making a call

Use one of the following methods:

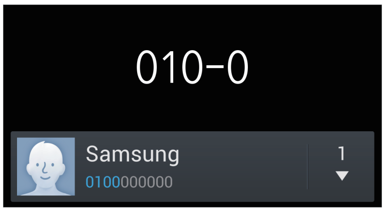
- **Keypad**: Enter the number using the keypad, and then tap ☎.
- **Logs**: Make a call from the history of incoming and outgoing calls and messages.
- **Favorites**: Make a call from the list of favorite contacts.
- **Contacts**: Make a call from the contacts list.

Speed dial numbers

For speed dial numbers, tap and hold the corresponding digit.

Number prediction

When entering numbers on the keypad, automatic predictions appear. Select one of these to make a call.



010-0

Samsung
0100000000

Finding contacts

Enter a name, phone number, or email address to find a contact in the contacts list. As characters are entered, predicted contacts appear. Select one to place a call to it.

Making an international call

Tap and hold **0** until the + sign appears. Enter the country code, area code, and phone number, and then tap ☎.

During a call

The following actions are available:

- : Select an equalizer option for use during a call.
- : Deactivate the noise reduction feature that removes background noise so that the other party can hear you more clearly.
- : Increase the volume.
- **Hold**: Hold a call. Tap **Unhold** to retrieve the held call.
- **Add call**: Dial a second call.
- **Keypad**: Open the keypad.
- **End call**: End the current call.
- **Speaker**: Activate the speakerphone. Keep the device away from your ears when using the speakerphone.
- **Mute**: Turn off the microphone so that the other party cannot hear you.
- **Headset**: Switch to a Bluetooth headset if it is connected to the device.
- **Swap**: Switch between two calls.
- **Merge**: Make a multiparty call when connected to two calls. Repeat this to add more parties. This feature is available only if the multiparty call service is active.

- ☰ → **Contacts**: Open the contacts list.
- ☰ → **Action Memo**: Launch Action Memo.
- ☰ → **Message**: Send a message.
- ☰ → **Transfer**: Connect the first party to the second party. This disconnects you from the conversation.
- ☰ → **One-handed operation on**: Set the keypad for convenient use with one hand.
- ☰ → **Manage conference call**: Have a private conversation with one party during a multiparty call or disconnect one party form the multiparty call.

Adding contacts

To add a phone number to the contacts list from the keypad, enter the number and tap **Add to contacts**.

Viewing call logs

Tap **Logs** to view the history of incoming and outgoing calls.

To filter a call log, tap ☰ → **View**, and then select an option.

Fixed dialing number

The device can be set to restrict outgoing calls only to numbers with specified prefixes. Those prefixes are stored in the SIM or USIM card.

Tap ☰ → **Call settings** → **Additional settings** → **Fixed dialing numbers** → **Turn on FDN**, and then enter the PIN2 supplied with the SIM or USIM card. Tap **FDN list** and add numbers.

Call barring

The device can be set to prevent certain calls from being made. For example, international calling can be disabled.

Tap ☰ → **Call settings** → **Additional settings** → **Call barring**, select a call type, select a call barring option, and then enter a password.

Receiving calls

Answering a call

When a call comes in, drag ☎ outside the large circle.

If the call waiting service is active, another call can be made. When the second call is answered, the first call is put on hold.

Rejecting a call

When a call comes in, drag ☎ outside the large circle.

To send a message when rejecting an incoming call, drag the reject message bar upwards. To create the rejection message, tap ☰ → **Call settings** → **Set up call reject messages**.

Automatically rejecting calls from unwanted numbers

Tap ☰ → **Call settings** → **Call rejection** → **Auto reject mode** → **Auto reject numbers**, and then tap **Auto reject list**. Tap **Create**, enter a number, assign a category, and then tap **Save**.

Missed calls

If a call is missed, ☎ appears on the status bar. Open the notifications panel to view the list of missed calls.

Call waiting

Call waiting is a service provided by the service provider. A user can use this service to suspend a current call and switch to an incoming call. This service is not available for video calls.

To make use of this service, tap ☰ → **Call settings** → **Additional settings**, and then tick **Call waiting**.

Call forwarding

The device can be set to send incoming calls to a specified number.

Tap ☰ → **Call settings** → **Additional settings** → **Call forwarding**. Enter a number and tap **Turn on**.

Listening to a voice message

Tap and hold **1** on the keypad, and then follow the instructions from your service provider.

Contacts

Use this application to manage contacts, including phone numbers, email addresses, and others.

Tap **Contacts** on the Applications screen.

Managing contacts

Tap **Contacts**.

Creating a contact

Tap + and enter contact information.

- 👤 : Add an image.
- ⊕ / ⊖ : Add or delete a contact field.

Editing a contact

Select a contact to edit, and then tap ✎.

Deleting a contact

Tap ☰ → **Delete**.

Setting a speed dial number

Tap ☰ → **Speed dial setting**, select a speed dial number, and then select a contact for it. To remove a speed dial number, tap and hold it, and then tap **Remove**.

Searching for contacts

Tap **Contacts**.

Use one of the following search methods:

- Scroll up or down the contacts list.
- Use the index at the right side of the contacts list for quick scrolling, by dragging a finger along it.
- Tap the search field at the top of the contacts list and enter search criteria.

Once a contact is selected, take one of the following actions:

- ★ : Add to favorite contacts.
- ☎ : Make a voice call.
- ✉ : Compose a message.
- ✉@ : Compose an email.

Displaying contacts

Tap **Contacts**.

By default, the device shows all saved contacts.

Tap ☰ → **Contacts to display**, and then select a location where contacts are saved.

Moving contacts

Tap **Contacts**.

Moving contacts to Google

Tap ☰ → **Merge accounts** → **Merge with Google**.

Contacts moved to Google Contacts appear with g in the contacts list.

Moving contacts to Samsung

Tap ☰ → **Merge accounts** → **Merge with Samsung**.

Contacts moved to Samsung Contacts appear with S in the contacts list.

Importing and exporting contacts

Tap **Contacts**.

Importing contacts

Tap ☰ → **Import/Export** → **Import from SIM card**, **Import from SD card**, or **Import from USB storage**.

Exporting contacts

Tap ☰ → **Import/Export** → **Export to SIM card**, **Export to SD card**, or **Export to USB storage**.

Sharing contacts

Tap ☰ → **Share namecard via**, select contacts, tap **Done**, and then select a sharing method.

Favorite contacts

Tap **Favorites**.

Tap ☰, and then take one of the following actions:

- **Search**: Search for contacts.
- **Add to favorites**: Add contacts to favorites.
- **Remove from favorites**: Remove contacts from favorites.
- **Grid view** / **List view**: View contacts in grid or list form.
- **Help**: Access help information about using contacts.

Contact groups

Tap **Groups**.

Adding contacts to a group

Select a group, and then tap +. Select contacts to add, and then tap **Done**.

Managing groups

Tap ≡, and then take one of the following actions:

- **Create**: Make a new group.
- **Search**: Search for contacts.
- **Change order**: Tap and hold ▦ next to the group name, drag it up or down to another position, and then tap **Done**.
- **Delete groups**: Select user-added groups, and then tap **Delete**. Default groups cannot be deleted.
- **Help**: Access help information about using contacts.

Sending a message or email to a group's members

Select a group, tap ≡ → **Send message** or **Send email**, select members, and then tap **Done**.

Business card

Tap **Contacts**.

Create a business card and send it to others.

Tap **Set up profile**, enter details, such as phone number, email address, and postal address, and then tap **Save**. If user information has been saved when you set up the device, select the business card in **ME**, and then tap ✎ to edit.

Tap ≡ → **Share namecard via**, and then select a sharing method.

Messages

Use this application to send text messages (SMS) or multimedia messages (MMS).

Tap **Messages** on the Applications screen.

You may incur additional charges for sending or receiving messages while you are outside your home service area. For details, contact your service provider.

Sending messages

Tap ✎, add recipients, enter a message, and then tap ✉.

Use the following methods to add recipients:

- Enter a phone number.
- Tap 👤, select contacts, and then tap **Done**.
- Hover the S Pen over 👤, and then press the S Pen button. Recently-used contacts list appears.

Use the following methods to make a multimedia message:

- Tap 📎 and attach images, videos, contacts, notes, events, and others.
- Tap ☰ → **Add subject** to enter a subject.
- Hover the S Pen over 📎, and then press the S Pen button. Recently-added images appear.

Sending handwritten messages

When hovering the S Pen over a text field, ◩ icon appears at the upper left corner of the text field. Tap ◩, and tap ✎ to enter a handwritten message with the S Pen.

Sending scheduled messages

While composing a message, tap ≡ → **Scheduling**. Set a time and date, and then tap **Done**. The device will send the message at the specified time and date.

- If the device is turned off at the scheduled time, is not connected to the network, or the network is unstable, the message will not be sent.
- This feature is based on the time and date set on the device. The time and date may be incorrect if you move across time zones and the network does not update the information.

Translating and sending messages

To use the translating feature while composing a message, tap ≡ → **Translate**, drag the **Translate** switch to the right, set a language pair, and then tap **OK**.

To use this feature, you need to download and install **S Translator**. On the Applications screen, tap **S Translator** → **Install**, and then follow the on-screen instruction.

Tap A字 to translate the message, and then tap **Done**. The translated message will replace the message of the source language.

Viewing incoming messages

Incoming messages are grouped into message threads by contact.

Select a contact to view the person’s message.

Email

Use this application to send or view email messages.

Tap **Email** on the Applications screen.

Setting up email accounts

Set up an email account when opening **Email** for the first time.

Enter the email address and password. Tap **Next** for a private email account, such as Google Mail, or tap **Manual setup** for a company email account. After that, follow on-screen instructions to complete the setup.

To set up another email account, tap ☰ → **Settings** → **Add account**.

Sending messages

Tap the email account to use, and then tap ✎ at the bottom of the screen. Enter recipients, subject, and message, and then tap ✉.

Tap 👤 to add a recipient from the contacts list.

Tap 📎 to attach images, videos, contacts, memos, events, and others.

Tap < → 🖼 to insert images, events, contacts, location information, and others into the message.

Sending scheduled messages

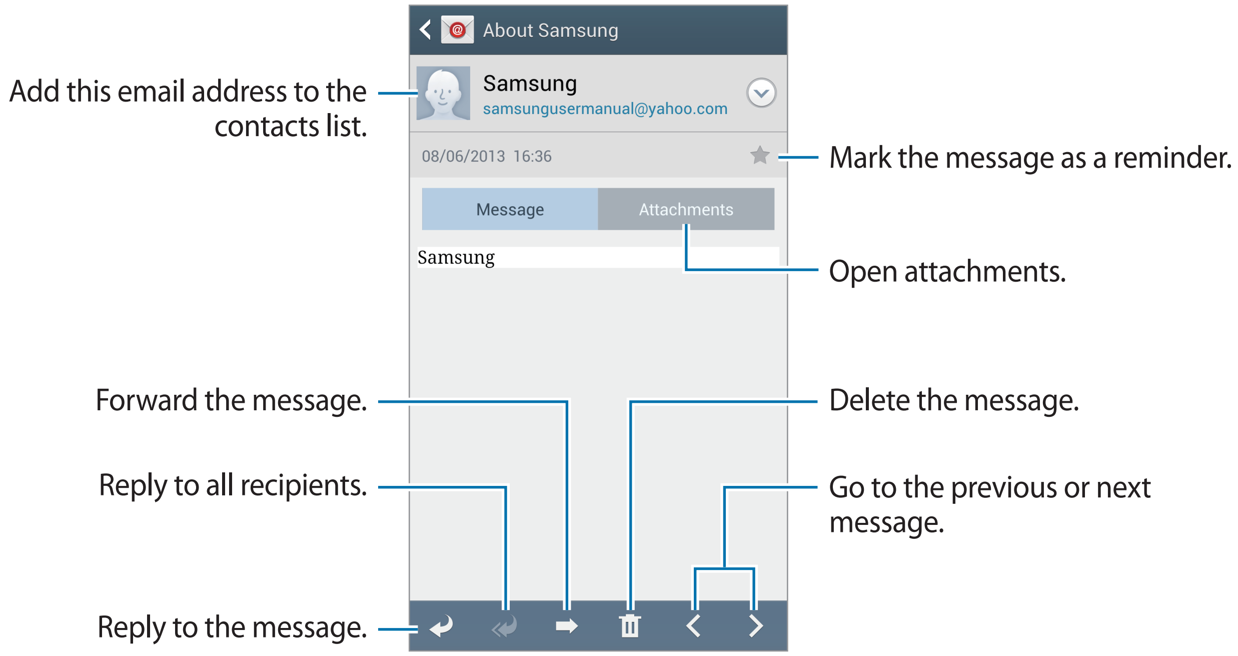
While composing a message, tap ☰ → **Scheduled email**. Tick **Scheduled email**, set a time and date, and then tap **Done**. The device will send the message at the specified time and date.

- If the device is turned off at the scheduled time, is not connected to the network, or the network is unstable, the message will not be sent.
- This feature is based on the time and date set on the device. The time and date may be incorrect if you move across time zones and the network does not update the information.

Reading messages

Select an email account to use, and new messages are retrieved. To manually retrieve new messages, tap 🔄.

Tap a message to read.


About Samsung
Samsung
samsungusermanual@yahoo.com
08/06/2013 16:36
Message
Attachments
Samsung
Add this email address to the contacts list.
Mark the message as a reminder.
Open attachments.
Forward the message.
Delete the message.
Reply to all recipients.
Go to the previous or next message.
Reply to the message.

Tap the attachment tab to open attachments, and then tap **Save** to save it.

Google Mail

Use this application to quickly and directly access the Google Mail service.

Tap **Google Mail** on the Applications screen.

- This application may not be available depending on the region or service provider.
- This application may be labelled differently depending on the region or service provider.

Sending messages

In any mailbox, tap ✉, enter recipients, a subject, and a message, and then tap ➤.

Tap ≡ → **Attach picture** to attach images.

Tap ≡ → **Attach video** to attach videos.

Tap ≡ → **Add Cc/Bcc** to add more recipients.

Tap ≡ → **Save draft** to save the message for later delivery.

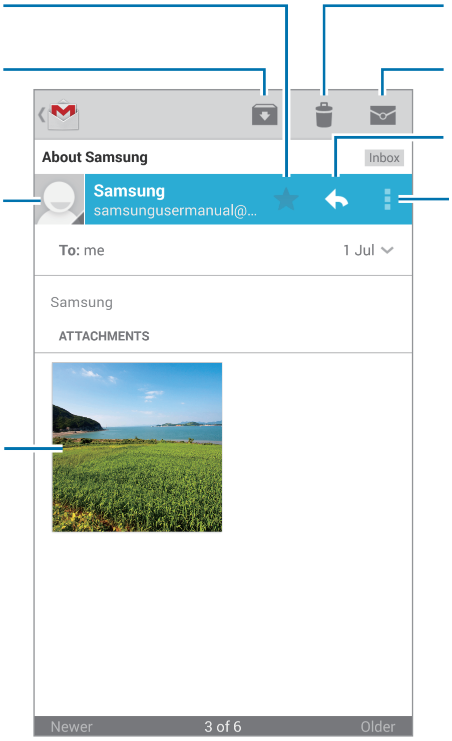
Tap ≡ → **Discard** to start over.

Tap ≡ → **Settings** to change the Google Mail settings.

Tap ≡ → **Send feedback** to report your opinions for application development.

Tap ≡ → **Help** to access help information for the Google Mail.

Reading messages


About Samsung
Inbox
Samsung
samsungusermanual@...
To: me
1 Jul
Samsung
ATTACHMENTS
Newer
3 of 6
Older

Mark the message as a reminder.

Keep this message for long-term storage.

Add this email address to the contacts list.

Preview attachment.

Delete this message.

Mark the message as unread.

Reply to this message.

Reply to all recipients or forward this message to others.

Labels

Google Mail does not use actual folders, but uses labels instead. When Google Mail is launched, it displays messages labelled Inbox.

Tap ☰ → **ALL LABELS** to view messages in other labels.

To add a label to a message, select the message, tap ☰ → **Change labels**, and then select the label to assign.

Hangouts

Use this application to chat with others.

Tap **Hangouts** on the Applications screen.

This application may not be available depending on the region or service provider.

Select a friend from the friends list or enter data to search and select a friend from the results to start chatting.

Web & network

Internet

Use this application to browse the Internet.

Tap **Internet** on the Applications screen.

Viewing webpages

Tap the address field, enter the web address, and then tap **Go**.

Tap ☰ to share or print the current webpage while viewing a webpage.

To change the search engine, tap the address field, and then tap the search engine icon next to the web address.

Opening a new page

Tap ☰ → **New window**.

To go to another webpage, tap 2, and then tap the page to select it.

Bookmarks

To bookmark the current webpage, tap ☰ → **Add bookmark**, and then enter a title for the bookmark and tap **Save**.

To open a bookmarked webpage, tap ★, and then select one.

History

Tap ★ → **History** to open a webpage from the list of recently-visited webpages. To clear the history, tap ☰ → **Clear history**.

Links

Tap and hold a link on the webpage to open it in a new page, save, or copy.

To view saved links, use **Downloads**. (p. 137)

Sharing webpages

To share a webpage address with others, tap ☰ → **Share via**.

To share a part of a webpage, tap and hold the desired text, and then tap **Share via**.

Chrome

Use this application to search for information and browse webpages.

Tap **Chrome** on the Applications screen.

This application may not be available depending on the region or service provider.

Viewing webpages

Tap the address field, and then enter a web address or search criteria.

Opening a new page

Tap 2 → **New tab**.

To go to another webpage, tap 2 → a webpage.

Searching the web by voice

Tap the address field, tap 🎤, speak a keyword, and then select one of the suggested keywords that appear.

Syncing with other devices

Sync open tabs and bookmarks to use with Chrome on another device, when you are logged in with the same Google account.

To view open tabs on other devices, tap ≡ → **Other devices**. Select a webpage to open.

To view bookmarks, tap ★.

Bluetooth

Bluetooth creates a direct wireless connection between two devices over short distances. Use Bluetooth to exchange data or media files with other devices.

- Samsung is not responsible for the loss, interception, or misuse of data sent or received via the Bluetooth feature.
- Always ensure that you share and receive data with devices that are trusted and properly secured. If there are obstacles between the devices, the operating distance may be reduced.
- Some devices, especially those that are not tested or approved by the Bluetooth SIG, may be incompatible with your device.
- Do not use the Bluetooth feature for illegal purposes (for example, pirating copies of files or illegally tapping communications for commercial purposes).

  Samsung is not responsible for the repercussion of illegal use of the Bluetooth feature.

To activate Bluetooth, on the Applications screen, tap **Settings** → **Connections** → **Bluetooth**, and then drag the **Bluetooth** switch to the right.

Pairing with other Bluetooth devices

On the Applications screen, tap **Settings** → **Connections** → **Bluetooth** → **Scan**, and detected devices are listed. Select the device you want to pair with, and then accept the auto-generated passkey on both devices to confirm.

Sending and receiving data

Many applications support data transfer via Bluetooth. An example is **Gallery**. Open **Gallery**, select an image, tap < → **Bluetooth**, and then select one of the Bluetooth devices. After that, accept the Bluetooth authorization request on the other device to receive the image. The transferred file is saved in the **Bluetooth** folder. If a contact is received, it is added to the contacts list automatically.

Screen Mirroring

Use this feature to connect your device to a large screen with an AllShare Cast dongle or HomeSync and then share your contents. You can also use this feature with other devices that support the Wi-Fi Miracast feature.

- This feature may not be available depending on the region or service provider.
- Miracast-enabled devices that do not support High-bandwidth Digital Content Protection (HDCP 2.X) may not be compatible with this feature.
- Some files may be buffered during playback, depending on the network connection.
- To save energy, deactivate this feature when not in use.
- If you specify a Wi-Fi frequency, AllShare Cast dongles or HomeSync may not be discovered or connected.
- If you play videos or games on a TV, select an appropriate TV mode to get the best experience.

On the Applications screen, tap **Settings** → **Connections** → **Screen Mirroring**. Select a device, open or play a file, and then control the display with the keys on your device. To connect to a device using a PIN, tap and hold the device name to enter the PIN.

Samsung Link

Use this application to play contents saved on remotely located devices or web storage services over the Internet. You can play and send multimedia files on your device to another device or web storage service.

To use this application, you must sign in to your Samsung account and register two or more devices. The registration methods may vary depending on the device type.

Tap **Samsung Link** on the Applications screen.

This application may not be available depending on the region or service provider.

When opening this application, all the content from your registered devices and storage services will appear. You can browse and play them. To start sharing files, scroll left or right to select a media category and then, select a file.

Sending files

Send files to other devices or upload them to web storage services.

Tap ☰ to select a device or web storage and scroll left or right to select a media category.

Then, tap ☑, select files, and then tap ➡.

Sharing files

Tap ☰ to select a device or web storage and scroll left or right to select a media category.

Then tap ☑, select files, tap ⋖, and then select a sharing method.

Playing files on a remote device

Tap ☰ to select a device or web storage and scroll left or right to select a media category.

Then tap ☑, select files, tap ▶, and then select a device.

- Supported file formats may differ depending on connected devices as a media player.
- Some files may be buffered while playing depending on the network connection.

Managing contents on a web storage service

Select a web storage service, and then view and manage your files.

To transfer files between your device and a web storage service, tap ☑, select files, and then tap ➡.

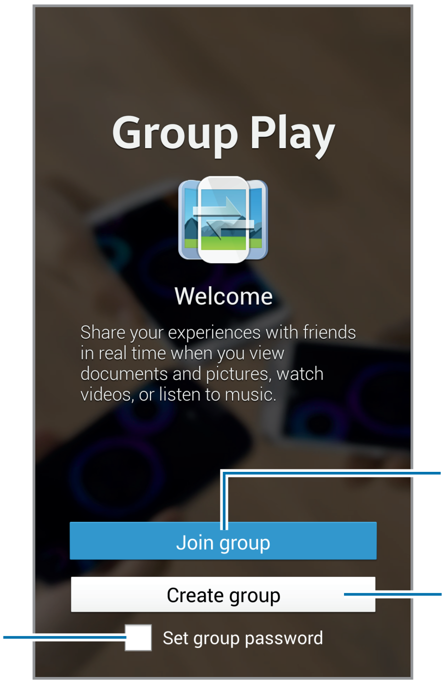
To register web storage services to the device, tap ☰ → **Add storage**, and then select a web storage service.

Group Play

Use this application to enjoy moments with your friends by sharing and playing content. Create or join a Group Play session, and then share content, such as images or music.

Tap **Group Play** on the Applications screen.

- This application may not be available depending on the region or service provider.
- While using this application, you cannot access the Internet through the Wi-Fi network.



Share your experiences with friends in real time when you view documents and pictures, watch videos, or listen to music.

Join a Group Play session.

Create a Group Play session.

Set whether or not to require a group password.

Creating a group for Group Play

When you create a Group Play session, other devices can join the session and share the content.

When you use a password for a Group Play session, other devices must enter the password to join the session. To use a password, tick **Set group password**.

Tap **Create group**, set a password, and then use the following features:

- **Share music**: Connect two or more devices and use them to achieve a surround sound effect when sharing music.
- **Share pictures**: Select images to share.
- **Share video**: Connect two or more devices to share a video or combine the devices into a larger display. Each device displays parts of the video at the same time, which can be played together, to create a large display showing the whole video. To activate this feature, tap while sharing a video.
- **Share documents**: Select documents to share.
- **Play games and more**: Play online games with friends.

Joining Group Play

Join a Group Play session created by another device.

- Tap **Join group**, select a Group Play session to join, and then enter the password for the group if necessary. Select a media category and the content that is currently being shared will appear on the device.
- Activate the NFC feature. On the Home screen, touch the back of your device to the back of another device that is opening a session. (p. 80)

Using additional features in a Group Play session

While sharing music files, images, videos, or documents with other devices, use the following features:

- : Change the speaker settings for each connected device.
- → : Adjust the volume.
- → : Set the device to use all connected devices as stereo speakers.
- : Combine connected devices' screen to show a larger display.
- : Spilt the combined screen.
- : Adjust the volume.
- : Write a note or draw on the screen. All participants can see what you create.
- : View all shared images in mosaic layout.
- / : Select more images or documents.
- : View the group participants.

NFC

Your device allows you to read near field communication (NFC) tags that contain information about products. You can also use this feature to make payments and buy tickets for transportation or events after downloading the required applications.

The battery contains a built-in NFC antenna. Handle the battery carefully to avoid damaging the NFC antenna.

If the screen is locked, your device will not read NFC tags or receive data.

To activate the NFC feature, on the Applications screen, tap **Settings** → **Connections** → **NFC**. Drag the **NFC** switch to the right.

Reading information from an NFC tag

Place the device near an NFC tag. The information from the tag will appear.

Making a purchase with the NFC feature

Before you can use the NFC feature to make payments, you must register for the mobile payment service. To register or get details about the service, contact your service provider.

Touch the back of your device to the NFC card reader.

Sending data via Android Beam

Use the Android Beam feature to send data, such as webpages and contacts, to NFC-enabled devices.

On the Applications screen, tap **Settings** → **Connections** → **NFC**. Drag the **Android Beam** switch to the right.

Select an item, find the location of the NFC antenna on the other device, touch the other device's antenna with your device's antenna, and then tap your device's screen.

S Beam

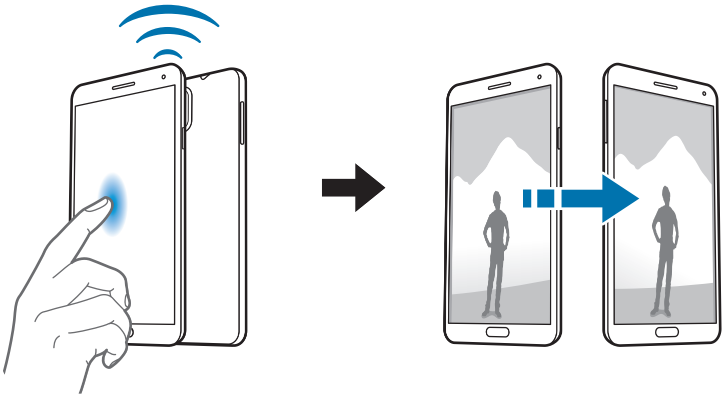
Use this feature to send data, such as videos, images, and documents.

Do not send copyright-protected data via S Beam. Doing so may violate copyright laws. Samsung is not responsible for any liabilities caused by the illegal use of copyrighted data.

On the Applications screen, tap **Settings** → **Connections** → **S Beam**, and then drag the **S Beam** switch to the right.

Select a file, touch the back of your device to the back of the other device, and then tap your device's screen.

If both devices try to send data simultaneously, the file transfer may fail.



WatchON

Use this application to connect to a TV to watch your favorite shows and movies.

Tap **WatchON** on the Applications screen.

You must first connect the device to a network and ensure that the device's infrared port is facing the TV.

Connecting to a TV

Connect to a TV to display the device's screen onto a large surface and control the TV remotely with the device.

Select a country, region, and broadcast service. Tap → **Set Up Now**, and then follow the on-screen instructions to register the TV to the device. The steps vary depending on the options you choose.

To connect to other devices, tap ≡ → **Settings** → **My room** → **Add devices**.

Watching TV

Select from the TV programme suggestions based on your choice when registering a TV or select a category at the top of the screen. Select a TV programme and then tap **Watch now**. The selected programme will show up on the connected TV.

Tap and open the control panel to control the TV.

Setting programme reminders

Tap the time at the bottom of the screen and select a time for a TV programme you want to watch. Select a programme, tap **Reminder**, and then set an alarm time to remind you of the TV programme.

Media

Music

Use this application to listen to music.

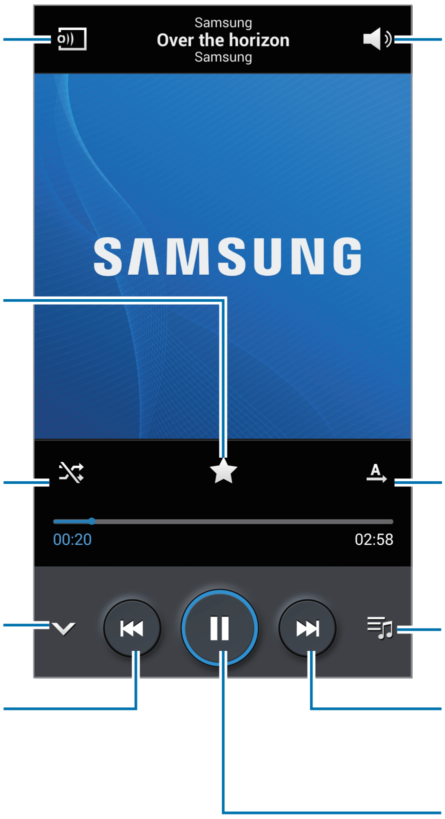
Tap **Music** on the Applications screen.

- Some file formats are not supported depending on the software installed on the device.
- Some files may not play properly depending on the encoding method used.

Playing music

Select a music category, and then select a song to play.

Tap the album image at the bottom of the screen to open the music player screen.



Scan DLNA-enabled devices.

Adjust the volume.

Set the file as your favourite song.

Turn on shuffle.

Change the repeat mode.

Hide the music player screen.

Open the playlist.

Restart the currently-playing song or skip to the previous song. Tap and hold to move backwards quickly.

Skip to the next song. Tap and hold to move forwards quickly.

Pause and resume playback.

To listen to songs at equal volume levels, tap ≡ → **Settings** → **Smart volume**.

Smart volume may not be activated for some files.

When **Smart volume** is activated, the volume may end up louder than the device volume level. Use caution to avoid long-term exposure to loud sounds to prevent damage to your hearing.

To set a personalized sound while listening to songs with a headset, tap ≡ → **Settings** → **Adapt Sound** → **On**. When you turn the volume up to level 14 or higher, the adapt sound option is not applied to music playback. If you turn the volume down to level 13 or lower, the option is reapplied.

Setting a song as ringtone

To use the currently-playing song as ringtone, tap ≡ → **Set as** → **Phone ringtone**.

Listening to a song with others

To share the currently-playing song with others, tap ≡ → **Play via Group Play**.

Creating playlists

Make an own selection of songs.

Tap **Playlists**, and then tap ≡ → **Create playlist**. Enter a title and tap **OK**. Tap **Add music**, select songs to include, and then tap **Done**.

To add the currently-playing song to a playlist, tap ≡ → **Add to playlist**.

Playing music by mood

Play music grouped by mood. The playlist is automatically created by the device.

To use this feature, set the music square menu to appear at the top of the music library by tapping ≡ → **Settings** → **Music menu**, and tick **Music square**, and then tap **Done**.

Tap **Music square** at the top of the screen, and select a cell of mood. Or select multiple cells by dragging your finger.

Camera

Use this application to take photos or videos.

Use **Gallery** to view photos and videos taken with the device's camera. (p. 94)

Tap **Camera** on the Applications screen.

- The camera automatically shuts off when unused.
- Make sure that the lens is clean. Otherwise, the device may not work properly in some modes that require high resolutions.

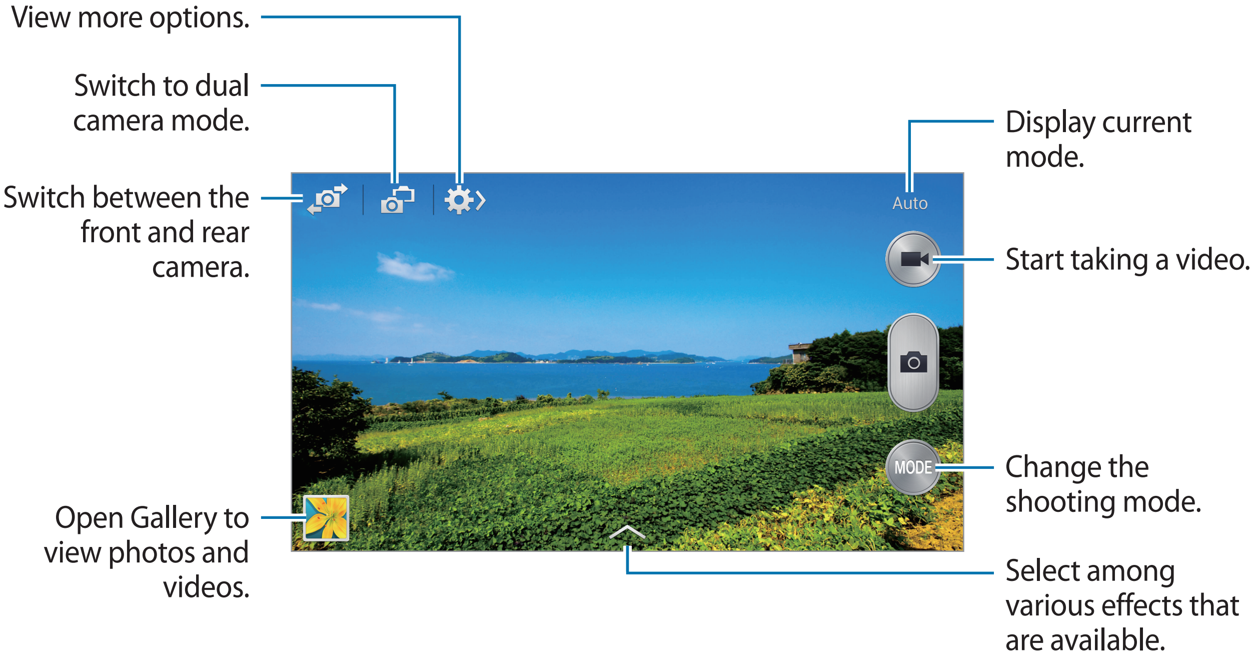
Camera etiquette

- Do not take photos or videos of other people without their permission.
- Do not take photos or videos where legally prohibited.
- Do not take photos or videos in places where you may violate other people's privacy.

Taking photos

Taking a photo

Tap the image on the preview screen where the camera should focus. When the subject is in focus, the focus frame turns green. Tap 📷 to take the photo.


View more options.
Switch to dual camera mode.
Switch between the front and rear camera.
Open Gallery to view photos and videos.
Display current mode.
Auto
Start taking a video.
MODE
Change the shooting mode.
Select among various effects that are available.

Shooting mode

Several photo effects are available.

Tap **MODE**, and then scroll up or down the screen at the right side of the screen.

- **Auto**: Use this to allow the camera to evaluate the surroundings and determine the ideal mode for the photo.
- **Beauty face**: Take a photo with lightened faces for gentler images.
- **Best photo**: Take a series of photos, and then save the best one.
- **Best face**: Use this to take multiple group shots at the same time and combine them to create the best possible image.

  Tap 📷 to take multiple photos. To get the best shot, hold the camera steady and remain still while taking photos. When **Gallery** opens, tap the yellow frame on each face, and choose the best individual pose for the subject. After choosing a pose for each individual, tap 💾 to merge the images into a single photo, and save it.
- **Sound & shot**: Use this to take a photo with sound.

  Tap 📷 to take a photo. The device records a few seconds of audio after taking a photo.

While taking photos in this mode, sound is recorded by the internal microphone.

- **Drama**: Use this to take a series of photos and combine them to create an image that shows trails of the movement.

  To get the best shot, follow these tips. The device may not take photos properly in other shooting conditions.

  - Hold the camera steady and remain still while taking photos.
  - Take photos of a subject that is moving in one direction.
  - Take photos with backgrounds that are free of moving objects.
  - Avoid taking photos of a subject and background with similar colors.
  - Avoid taking photos of a subject that is too close or too far away to fit within the viewfinder or that is too long such as a bus or a train.

- **Animated photo**: Use this to create animated photos from a video.
- **Golf**: Use this setting to take a radial image of a complete golf swing, combining several images together to make one composite view.

For best results, take the pictures outdoors. Playback of photos taken indoors may flicker.

- **Rich tone (HDR)**: Use this to take photos without losing details in bright and dark areas.
- **Eraser**: Use this to erase the movements of moving subjects in the background.

  Tap 📷 to take a series of photos. The device erases traces of movement from a moving subject. To restore the original photo, tap 🏃, and then tap the highlighted area.

  To get the best shot, follow these tips.

  - Hold the camera steady and remain still while taking photos.
  - When taking photos of an object and background with similar colors, the camera may not recognize all of the movement.
  - When taking photos of a subject that is moving very little or moving a great deal, the camera may not recognize all of the movements.
  - If there are multiple subjects moving in the background, the camera may not recognize all of the movement.
- **Panorama**: Take a photo composed of many photos strung together.

  To get the best shot, follow these tips.

  - Move the camera slowly in one direction.
  - Keep the camera's viewfinder within the guide frame.
  - Avoid taking photos of a subject in front of unrecognisable backgrounds, such as empty skies or plain walls.
- **Surround shot**: Use this to take a 360-degree panoramic photo.
- **Sports**: Use this setting for fast-moving subjects.

Panoramic photos

A panoramic photo is a wide landscape image consisting of multiple shots.

Tap **MODE** → **Panorama**.

Tap 📷 and move the camera in one direction. When the blue frame aligns with the viewfinder, the camera automatically takes another shot in a panoramic sequence. To stop shooting, tap ■.

If the viewfinder is out of the direction, the device stops shooting.

Applying filter effects

Use the filter effects to take unique photos or videos.

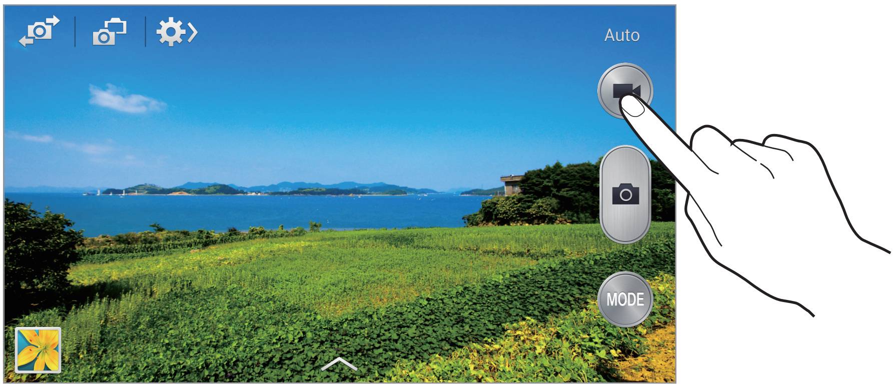
Tap ︿ and select a filter effect. The available options vary by mode.

Taking videos

Taking a video

Tap 🎥 to take a video. To pause recording, tap ⏸. To stop recording, tap ■.

Press the Shutter button to take photos while taking a video.



While recording, use the following actions:

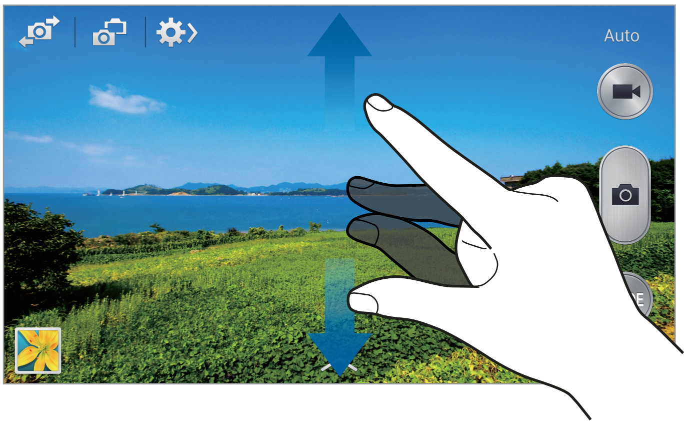
- To change the focus, tap where you want to focus. To focus on the centre of the screen, tap AF.
- To capture an image from the video while recording, tap 📷.

Recording mode

Tap ⚙ → 🎥 to change the recording mode.

- **Normal**: Use this mode for normal quality.
- **Limit for MMS**: Use this mode to lower quality for sending via messages.
- **Slow motion**: Use this mode to take a video of a moving subject. The device will play the video in slow motion.
- **Fast motion**: Use this mode to take a video of a moving subject. The device will play the video in fast motion.
- **Smooth motion**: Use this mode to take a video of a moving subject. The device will play the video in high quality.

Zooming in and out



Use one of the following methods:

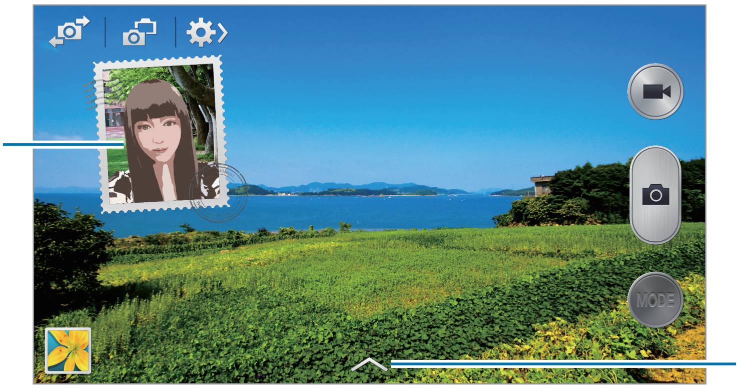
- Use the Volume button to zoom in or out.
- Spread two fingers apart on the screen to zoom in, and pinch to zoom out.

The zoom in/out effect is available when using the zoom feature while shooting video.

Dual Camera mode

When you take a landscape photo with the rear camera, the photo or video captured by the front camera appears in an inset window, or vice versa. Use this feature to take a beautiful landscape photo and a self-portrait simultaneously.

Tap to switch to dual camera mode. Tap to take a photo or tap to take a video.



Tap to resize it or move the location.

Select among various styles that are available.

- You can record videos in dual camera mode for up to 5 minutes in Full HD and up to 10 minutes in HD.
- While taking videos in this mode, sound is recorded by the internal microphone.

Share shot

Tap → , and then select one of the following:

- **Share shot**: Send a photo directly to another device via Wi-Fi Direct or NFC.
- **Buddy photo share**: Set the device to recognize a person’s face that you have tagged in a photo and send it to that person.
- **Remote viewfinder**: Set a device to control the camera remotely.

Controlling the camera remotely

Set a device as a viewfinder to control the camera remotely.

Tap ⚙ → OFF → **Remote viewfinder**, and then connect the device and the camera using Wi-Fi Direct or NFC. Tap 📷 to take a photo remotely using the device as a viewfinder.

Configuring settings for Camera

Tap ⚙ → ⚙ to configure settings for Camera. Not all of the following options are available in both still camera and video camera modes. The available options vary depending on the mode used.

- **Photo size** / **Video size**: Select a resolution. Use higher resolution for higher quality. But it takes up more memory.
- **Burst shot**: Take a series of photos of moving subjects.
- **Tap to take pics**: Tap the image on the preview screen to take photos.
- **Face detection**: Set the device to recognize people's faces and help you take photos of them.
- **Metering**: Select a metering method. This determines how light values are calculated. **Centre-weighted** measures background light in the centre of the scene. **Spot** measures the light value at a specific location. **Matrix** averages the entire scene.
- **ISO**: Select an ISO value. This controls camera light sensitivity. It is measured in film-camera equivalents. Low values are for stationary or brightly-lit objects. Higher values are for fast-moving or poorly-lit objects.
- **Video stabilization**: Activate or deactivate anti-shake. Anti-shake helps focus when the camera is moving.
- **Smart stabilization**: Set the device to automatically detect darker conditions and adjust the brightness of the photo without the flash.
- **Save as**: Set the device to delete the original photo when taking photos with rich tone mode.

- **Audio zoom**: Make louder the sound from the zoomed subject while recording.
- **Location tag**: Attach a GPS location tag to the photo. Activate this feature when taking photos to create albums in **Story Album**.

> - To improve GPS signals, avoid shooting in locations where the signal may be obstructed, such as between buildings or in low-lying areas, or in poor weather conditions.
> - Your location may appear on your photos when you upload them to the Internet. To avoid this, deactivate the GPS tag setting.

- **Review**: Briefly display photos taken.
- **Volume key**: Set the device to use the Volume button to control the shutter or zoom function.
- **Timer**: Use this for delayed-time shots.
- **White balance**: Select an appropriate white balance, so images have a true-to-life color range. The settings are designed for specific lighting situations. These settings are similar to the heat range for white-balance exposure in professional cameras.
- **Exposure value**: Change the exposure value. This determines how much light the camera's sensor receives. For low-light situations, use a higher exposure.
- **Guidelines**: Display viewfinder guides to help composition when selecting subjects.
- **Flash**: Activate or deactivate the flash.
- **Voice control**: Set the camera to take photos with voice commands.
- **Contextual filename**: Set the camera to display contextual tags. Activate this to use Tag Buddy in **Gallery** and **Story Album**.
- **Save as flipped**: Invert the image to create a mirror-image of the original scene.
- **Storage**: Select the memory location for storage.
- **Reset**: Reset the camera settings.

Shortcuts

Reorganize shortcuts for easy access to the camera's various options.

Tap ☰ → **Edit quick settings**.

Tap and hold an option and drag it to a slot at the top of the screen. The other icons can be moved within the list by tapping and dragging them.

Gallery

Use this application to view images and videos.

Tap **Gallery** on the Applications screen.

- Some file formats are not supported depending on the software installed on the device.
- Some files may not play properly depending on the encoding method used.

Viewing images

Launching **Gallery** displays available folders. When another application, such as **Email**, saves an image, the **Download** folder is automatically created to contain the image. Likewise, capturing a screenshot automatically creates the **Screenshots** folder. Select a folder to open it.

In a folder, images are displayed by creation date. Select an image to view it in full screen.

Scroll left or right to view the next or previous image.

Zooming in and out

Use one of the following methods to zoom in an image:

- Double-tap anywhere to zoom in.
- Spread two fingers apart on any place to zoom in. Pinch to zoom out, or double-tap to return.

Viewing images using the motion feature

Use the motion feature to execute a function with particular motion.

On the Applications screen, tap **Settings** → **Controls** → **Motions**, drag the **Motions** switch to the right, and then turn on the switch for each feature.

To stop using a motion feature, turn off the switch for the feature.

Playing videos

Video files show the ▶ icon on the preview. Select a video to watch it and tap ▶.

Trimming segments of a video

Select a video, and then tap ✂. Move the start bracket to the desired starting point, move the end bracket to the desired ending point, and then save the video.

Editing images

When viewing an image, tap ☰ and use the following functions:

- **Favorite**: Add to the favorites list.
- **Slideshow**: Start a slideshow with the images in the current folder.
- **Photo frame**: Use this to add a frame and a note to an image. The edited image is saved in the **Photo frame** folder.
- **Photo note**: Use this to write a note on the back of the image.
- **Signature**: Use this to draw your signature on the image.
- **Copy to clipboard**: Copy to clipboard.
- **Print**: Print the image via a USB or Wi-Fi connection. Some printers may not be compatible with the device.
- **Rename**: Rename the file.
- **Buddy photo share**: Send the image to a person whose face is tagged in the image.
- **Rotate left**: Rotate anticlockwise.
- **Rotate right**: Rotate clockwise.
- **Crop**: Resize the blue frame to crop and save the image in it.
- **Edit weather tag**: Edit the tag of the image providing weather information.
- **Get directions**: View the shooting location on the map. When taking a photo or video, enable geotagging to attach GPS location tag with the photo or video. If there is no GPS location tag to attach, this option does not appear.
- **Set as**: Set the image as wallpaper or a contact image.
- **Details**: View image details.
- **Settings**: Change the Gallery settings.

Modifying images

When viewing an image, tap ✎ and use the following functions:

- **Rotate**: Rotate the image.
- **Crop**: Crop the image.
- **Color**: Adjust the saturation or brightness of the image.
- **Effect**: Apply effects to the image.
- **Portrait**: Correct red-eye, adjust and retouch faces, or make background blurry.
- **Sticker**: Attach stickers.
- **Drawing**: Draw on the image.
- **Frame**: Apply frames to the image.

Favorite images

When viewing an image, tap ≡ → **Favorite** to add the image to the favorites list.

Making video clips

In a folder, tap ≡ → **Create video clip**, select images or videos by ticking, and then tap ✓.

Enter a title, select an effect option, and then tap 🖫. The video clip is saved in **Gallery** → **video clip**.

To add images or videos, tap ✎ → +.

To delete images or videos, tap ✎ → −.

To change the order of items, tap ✎, tap and hold an item, and then drag it to a new location.

To add a drawing or note to the beginning of the video clip, tap +✎.

Making image collages

In a folder, tap ☰ → **Select item**, select two to four images by ticking, and then tap ☰ → **Create collage**. Select a style at the bottom of the screen, and then tap 💾.

To add images, tap ∨ → ⊞.

To delete images, tap ⊖.

To change the split type, tap <.

Deleting images

Use one of the following methods:

- In a folder, tap ☰ → **Select item**, select images by ticking, and then tap 🗑.
- When viewing an image, tap 🗑.

Sharing images

Use one of the following methods:

- In a folder, tap ☰ → **Select item**, select images by ticking, and then tap ⋖ to send them to others or share them via social network services.
- When viewing an image, tap ⋖ to send it to others or share it via social network services.

Setting as wallpaper

When viewing an image, tap ☰ → **Set as** to set the image as wallpaper or to assign it to a contact.

Tagging faces

Tap ☰ → **Settings**, and then tick **Face tag**. A yellow frame appears around the recognized face. Tap the face, tap **Add name**, and then select or add a contact.

When the face tag appears on an image, tap the face tag and use available options, such as making calls or sending messages.

Face recognition may fail depending on the face angle, face size, skin color, facial expression, light conditions, or accessories the subject is wearing.

Using Tag buddy

Tap ☰ → **Settings** → **Tag buddy**, and then drag the **Tag buddy** switch to the right to display a contextual tag (weather, location, date, and person’s name) when opening an image.

Organising with folders

Create a folder to organize images or videos stored in the device. You can copy or move files from one folder to another.

To create a new folder, tap 📁. Enter a name for the folder, tap **OK**, and then tick images or videos. Tap and hold any selected image or video, drag it to the new folder, and then tap **Done**. Tap **Copy** to copy or **Move** to move.

Story Album

Use this application to create your own digital album to keep your stories by organising the images neatly and automatically.

Tap **Story Album** on the Applications screen.

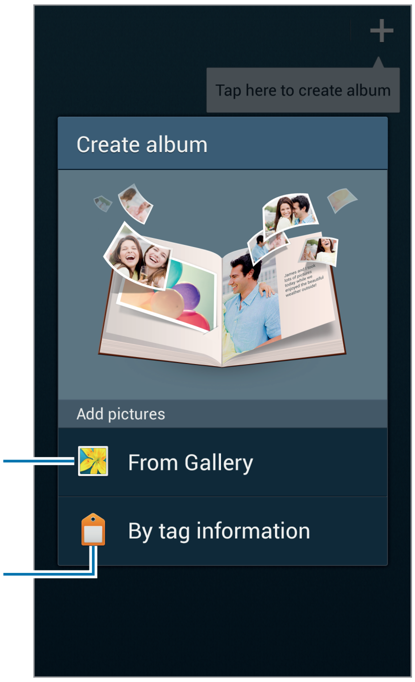
To start **Story Album**, you need to download and install the application. Tap **Install**, and then follow the on-screen instruction.

You may incur additional charges when downloading this application via the mobile network. To avoid additional charges, contact your service provider.

Creating story albums

Create story albums by selecting images from **Gallery** or images sorted by tag information.

Tap +, and then select an option.



Select images from Gallery.

Select images by tag information.

Creating albums from Gallery

Tap **From Gallery**, select a folder, select images, and then tap ✓. Enter a title for the album, select a theme and a cover image, and then tap **Create album**.

Creating albums by tag information

Create albums by sorting photos by tag information, such as the location where an image was taken, subjects, or time.

Tap **By tag information**, and then set the following tag options:

- **Location**: Specify a location. The device sorts images from the location. To use location tags, activate the GPS tag setting in **Camera** before taking photos. (p. 93)
- **People**: Select people from tagged images. The device sorts images taken with the people. To use people tags, add tags to images in **Gallery**. (p. 93)
- **Time**: Specify a period of time. The device sorts images taken during the period you set.

After the setting is finished, tap **Find pictures**. Enter a title for the album, select a theme, and then tap **Create album**.

Viewing story albums

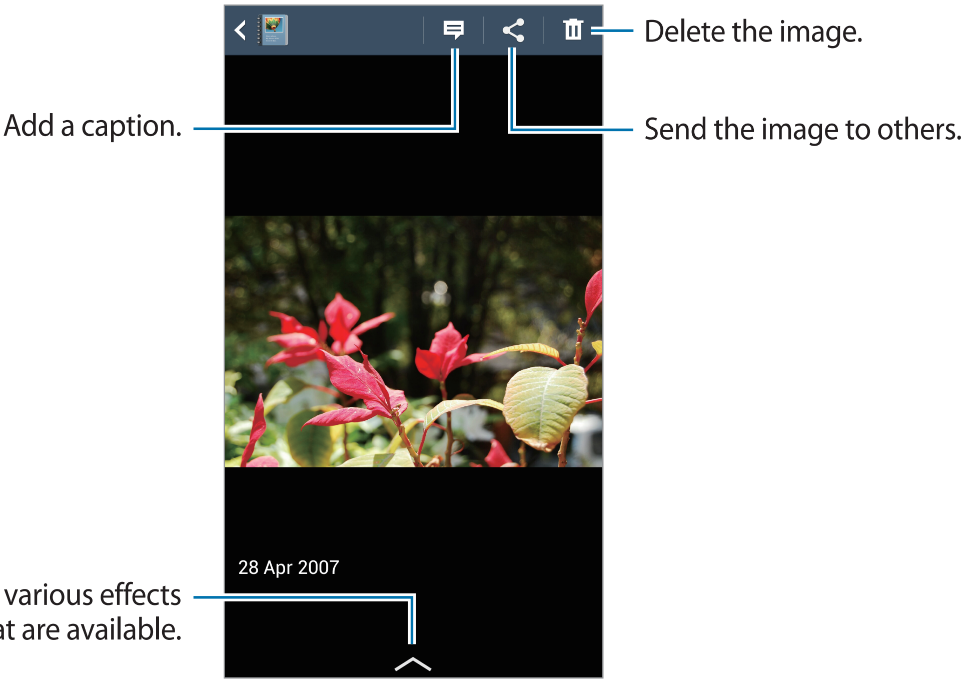
Select a story album. The cover image appears on the first page. Scroll left or right to view images in the story album.

On a page of the album, tap ☰ and use the following functions. The available options vary depending on the page.

- **Edit title**: Rename the album.
- **Add content**: Add more content to the current page.
- **Remove content**: Delete content on the current page.
- **Edit**: Change the layout of the current page.
- **Change theme**: Change the theme for the album.
- **Change cover image**: Change the cover image of the album.
- **Slideshow**: Start a slideshow with the images in the current album.
- **Share via**: Send the album to others.
- **Export**: Export the album to other storage locations.
- **Print**: Print the album via a USB or Wi-Fi connection. Some printers may not be compatible with the device.
- **Order photo book**: Place an order for a printed album.
- **Delete page**: Delete the page.

Editing images

Tap the image of the page in an album.


Delete the image.
Add a caption.
Send the image to others.
28 Apr 2007
Select among various effects that are available.

Tap ☰, and then use the following functions:

- **Slideshow**: Start a slideshow or change the slideshow settings.
- **Set as cover**: Set the image as an album cover image.
- **Rotate left**: Rotate the image anticlockwise.
- **Rotate right**: Rotate the image clockwise.

Creating albums with recommended photos

When you take multiple photos in a location, the device suggests creating a new album based on the location. This feature helps you create photo albums conveniently when you have daily events or travel.

Setting your home city

Set your home city to let the device recognize whether you at home or travelling. The device suggests creating event or travel albums based on your location. For example, when taking photos outside of the home city, the device suggests creating a travel album.

Tap ≡ → **Settings** → **Home city**, select a setting method, and then tap **Save**.

Setting a minimum number of photos

Tap ≡ → **Settings**, and then drag the switch next to an album type under **Suggestions** to the right. Select the album type, and then set the minimum number of photos.

When you take photos that meet the criteria you set, the device will suggest creating an album.

The device will recommend creating story albums when you surpass the preset specified number of photos in a single day.

Creating an event or travel album

Tap + → **From suggestions**. Select an album, enter a title for the album, and then tap **Create album**.

Video

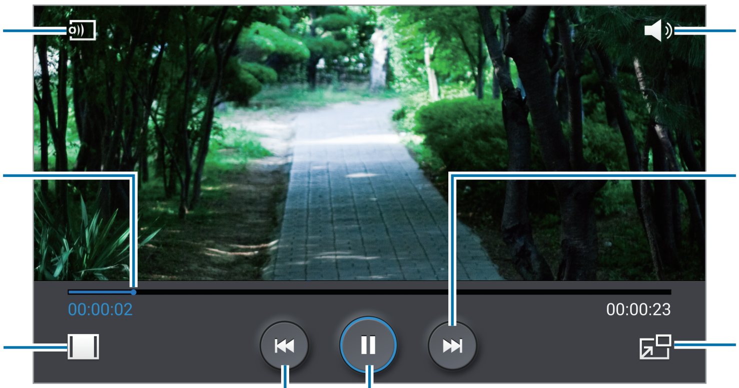
Use this application to play video files.

Tap **Video** on the Applications screen.

- Some file formats are not supported depending on the device's software.
- Some files may not play properly depending on how they are encoded.

Playing videos

Select a video to play.



Scan DLNA-enabled devices.

Move forwards or backwards by dragging the bar.

Change screen ratio.

Restart the current video or skip to the previous video. Tap and hold to move backwards quickly.

Adjust the volume.

Skip to the next video. Tap and hold to move forwards quickly.

Switch to floating screen mode.

Pause and resume playback.

Deleting videos

Tap ☰ → **Delete**, select videos by ticking, and then tap **Delete**.

Sharing videos

Tap ☰ → **Share via**, select videos by ticking, tap **Done**, and then select a sharing method.

Using Popup Video player

Use this feature to use other applications without closing the video player. While watching videos, tap ⧉ to use the pop-up player.

Spread two fingers apart on the screen to enlarge the player or pinch to reduce it. To move the player, drag the player to another location.

Purchasing videos

Scroll the screen to the left or right, and then select a video.

This service may not be available depending on the region or service provider.

YouTube

Use this application to watch videos from the YouTube website.

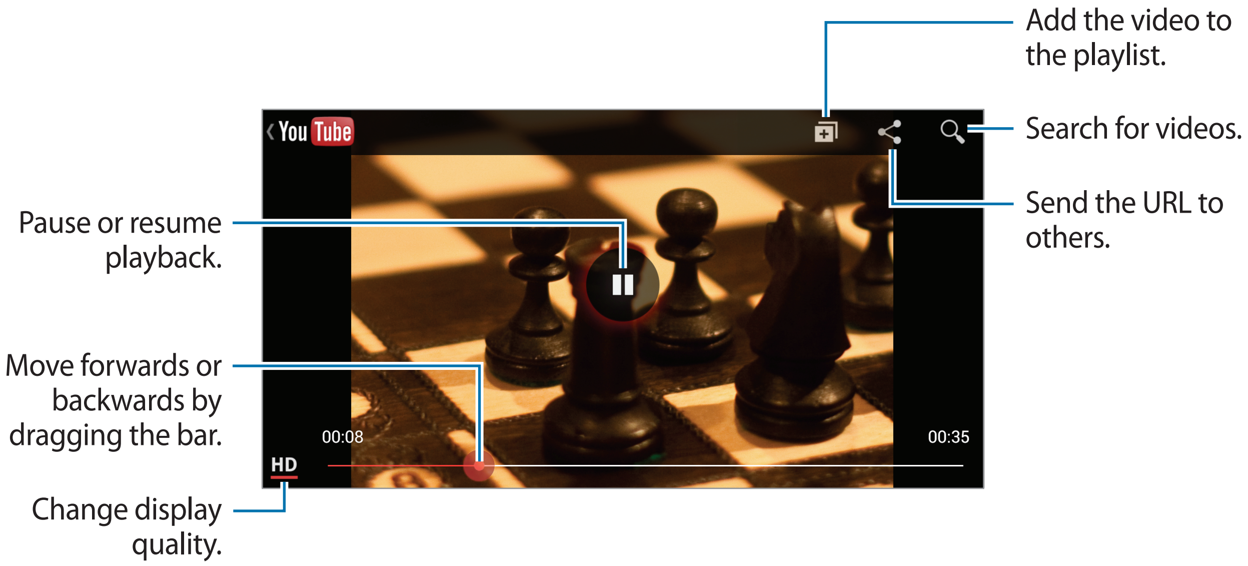
Tap **YouTube** on the Applications screen.

This application may not be available depending on the region or service provider.

Watching videos

Tap 🔍, and then enter a keyword. Select one of the returned search results to watch a video.

Rotate the device to landscape orientation to display full screen.


Add the video to the playlist.
Search for videos.
Send the URL to others.
Pause or resume playback.
Move forwards or backwards by dragging the bar.
Change display quality.
You Tube
00:08
00:35
HD

Sharing videos

Select the video to view, tap <, and then select a sharing method.

Uploading videos

Select your account, tap ⬆, select a video, enter information for the video, and then tap ⬆.

My Magazine

Use this applications to make your own social magazine.

On the Home screen, flick your finger up from the bottom of the screen, or press the Home button.

When running My magazine for the first time, tap **Next**, read and agree to the terms and conditions, and then tap **Start**.

To set up your magazine, tap ☰, and then tick categories. Tap ❯, select new topics, and then tap ❮.

Flick left or right to change the category, flick up or down to turn over magazine pages, and then select an article to read.

While viewing a page, tap ⌄ to use the following application:

- ☎ : Make a call.
- 📷 : Launch Camera.
- ✉ : Send a message.
- g : Launch Google search.
- 🌐 : Open the web browser.
- ▦ : Open the Applications screen.

While reading an article, use the following icons:

- ❮ : Go to the previous page.
- 👍 : Set the article as your likes in Facebook.
- 💬 : View others' comments about the article.
- ♡ : Set the article as your likes in Flipboard.
- ⊞ : Add the article to your Flipboard magazine.
- ⋖ : Share the article with others.

Flipboard

Use this application to access your personalized magazines.

Tap **Flipboard** on the Applications screen.

This application may not be available depending on the region or service provider.

To start your Flipboard, flick up on the greeting page, select news topics, and then tap **Build Your Flipboard**.

Select a cover story or a topic, flick through the Flipboard pages, and then select an article to read.

While reading an article, use the following icons:

- < : Go to the previous page.
- 👍 : Set the article as your likes in Facebook.
- 💬 : View others' comments about the article.
- ♡ : Set the article as your likes in Flipboard.
- ⊞ : Add the article to your Flipboard magazine.
- ⋖ : Share the article with others.

SketchBook for Galaxy

Use this application to create a quick concept or sketch out your idea for a project.

On the Applications screen, tap **SketchBook for Galaxy**.

Use artistic tools to draw and paint your digital art. The image is saved in **Gallery**.

To start **SketchBook for Galaxy**, you need to download and install the application. Tap **Install**, and then follow the on-screen instructions.

- This application may not be available depending on the region or service provider.
- You may incur additional charges when downloading this application via the mobile network. To avoid additional charges, contact your service provider.

Application & media stores

Play Store

Use this application to purchase and download applications and games that are able to run on the device.

Tap **Play Store** on the Applications screen.

This application may not be available depending on the region or service provider.

Installing applications

Browse applications by category, or tap 🔍 to search with a keyword.

Select an application to view information. To download it, tap **INSTALL**. If there is a charge for the application, tap the price, and follow on-screen instructions to complete the purchase process.

- When a new version is available for any installed application, an update icon appears at the top of the screen to alert you to the update. Open the notifications panel and tap the icon to update the application.
- To install applications that you downloaded from other sources, on the Applications screen, tap **Settings** → **General** → **Security** → **Unknown sources**.

Uninstalling applications

Uninstall the applications purchased from **Play Store**.

Tap ≡ → **My apps**, select an application to delete in the list of installed applications, and then tap **UNINSTALL**.

Samsung Hub

Use this application to purchase, enjoy, and manage digital media content. Samsung Hub also promotes and recommends content that you may like.

Tap **Samsung Hub** on the Applications screen.

The types of content provided may vary depending on the region or service provider.

Purchasing multimedia content

Select a service category, select media content, and then complete the purchase process.

Managing content on the device

Select a service category, scroll left, and then manage content on the device.

Play Books

Use this application to read and download book files.

Tap **Play Books** on the Applications screen.

This application may not be available depending on the region or service provider.

Play Movies & TV

Use this application to watch, download, and rent movies or TV shows.

Tap **Play Movies & TV** on the Applications screen.

This application may not be available depending on the region or service provider.

Play Games

Use this application to download and play games.

Tap **Play Games** on the Applications screen.

This application may not be available depending on the region or service provider.

Utilities

S Note

Use this application to create a note using multimedia files or voice recordings.

Tap **S Note** on the Applications screen.

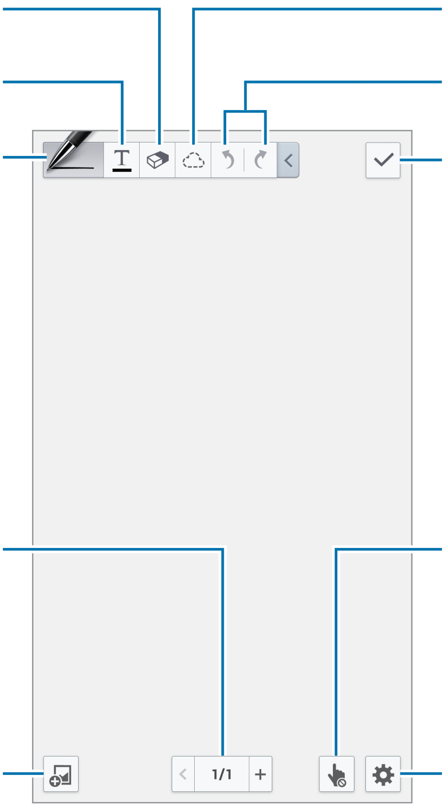
Creating notes

When running S Note for the first time, tap **Start** to set the default covers and a template. Follow the on-screen instruction to complete the setup.

Composing notes

Create notes with enriched content by adding multimedia files or voice memos.

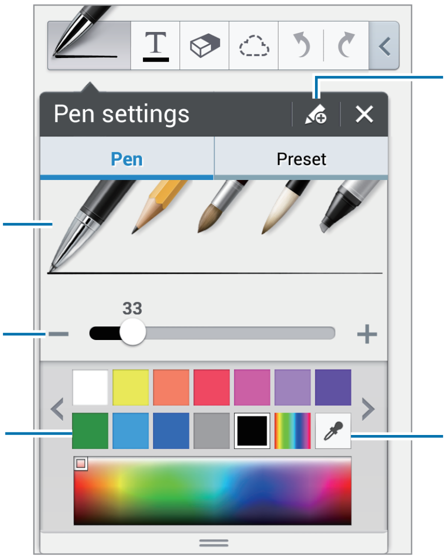
Tap ✎ to write or draw on the screen, or tap T to enter text with the keyboard.


Erase the note.
Enter a note.
Write a note.
Select the note.
Undo and redo the last action.
Switch to view mode.
Append another page to the current note.
Switch to S Pen mode or finger mode.
Insert a multimedia file.
1/1
Change page options.

When using the templates that have image frames, tap and hold an image frame, and then tap **Images** or **Take picture** to add an image.

To delete a frame, tap and hold the frame, and then tap **Delete**.

When jotting down a note, tap ✎ once more to change the pen type, line thickness, or pen color.



Save the current setting as a pen profile.

Change the pen type.

Change the line thickness.

Change the pen color.

Add a new color based on the color picker.

To zoom in or out the screen, spread two fingers apart or pinch them.

To add a new page, tap ⚙ → **Add page**.

To delete the page, tap ⚙ → **Delete page**.

To add a tag to the page, tap ⚙ → **Add tag**.

To add an index to the page, tap ⚙ → **Index page**.

To change the page template, tap ⚙ → **Add template**.

To change the background of the page, tap ⚙ → **Background**.

To display a grid on the page, tap ⚙ → **Show grid**.

Using the eraser tool

A drawn line is not recognized as a series of dots but short strokes. For this reason, you can select a whole line and delete, move or transform it. However, you may happen to even erase unintended part of a line, or may not able to erase intensive or overlapped lines when using the eraser tool.

To reduce the case of erasing unintended parts, adjust the eraser's size by tapping → .

To clear the note, tap **Clear all**.

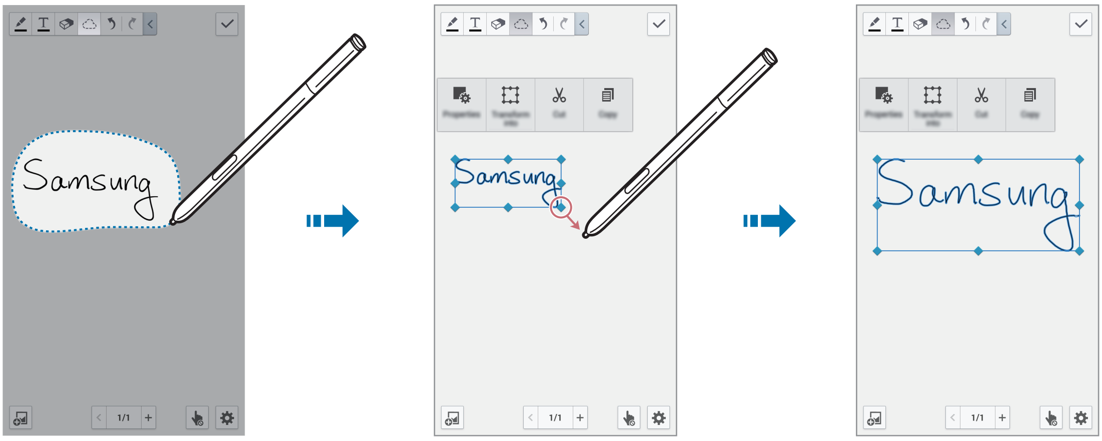
Even with a smaller eraser, you may not be able to precisely erase the intended part.

Editing handwritten notes

Select a handwritten note to cut, move, resize, or transform it. When jotting down or drawing a note, tap . Then, tap the note or draw a line around it to select and edit it.

To move the note to another location, select the note, and then drag it to a new location.

To resize the note, select the note, and then drag the frame.



With a handwritten note selected, use the following options:

- **Properties**: Change the note properties such as layout, size, color, or thickness.
- **Transform into**: Convert a drawn shape or handwritten note to a well-organized one.
- **Cut**: Cut the note. To paste it to another location, tap and hold the location, and then tap **Paste**.
- **Copy**: Copy the note. To paste it to another location, tap and hold the location, and then tap **Paste**.
- **Delete**: Delete the note.

Inserting multimedia files

Tap to insert images, videos, voice memos, and more.

Inserting an idea sketch

Tap → **Idea Sketch**, and then write a keyword or select category to search for images.

To add your own sketches to the list, tap +, and then draw an image in the sketch panel.

Inserting an image or video with frame

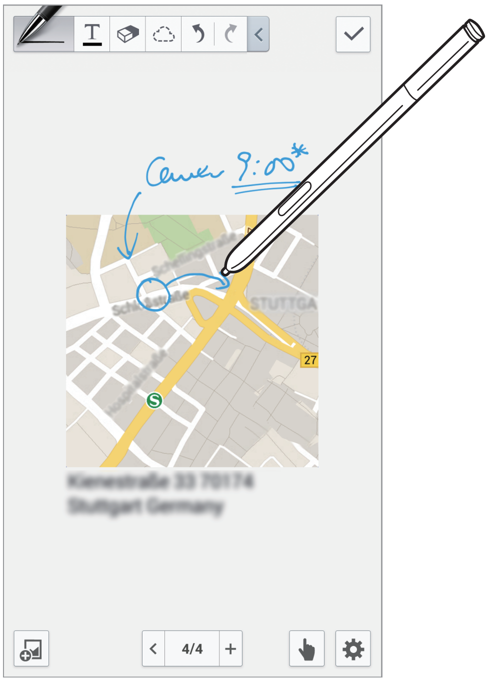
Tap → **Images** or **Video** → **Photo frame** or **Record video on canvas**.

Draw a frame on the note, and then tap inside the frame with the S Pen or your finger to take a photo or video.

Inserting map information

Tap → **Maps**, scroll through the maps or tap 🔍 to search for a place, and then tap **Capture**.

- To view the location in full screen, tap and hold the map, and then tap **Open map**.
- To share the map information with others, tap ☰ → **Share via**, and select a sharing method.



Creating and managing charts

Making a table

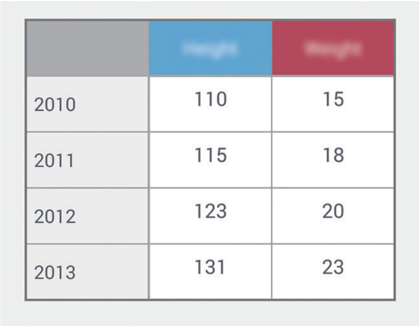
Tap → **Easy chart** → **Table**, set the number of rows and columns for the table, and then tap **Done**.

- To enter data in the table, tap a table cell.
- To add or delete columns, tap ☰ → **Add dataset** or **Delete dataset**.
- To add or delete rows, tap ☰ → **Add item** or **Delete item**.

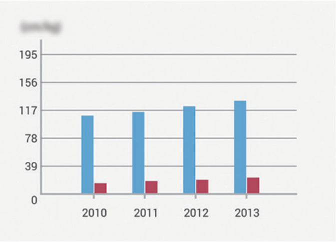
Making a chart

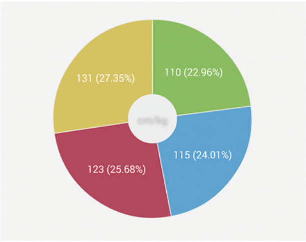
To make a chart, tap → **Easy chart**, and then select a chart type. Then, draw bars, lines, or dividers on the chart.

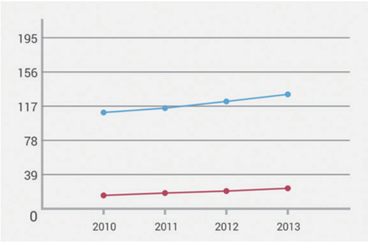
To make a chart from the data in the table, tap and hold the table, tap **Edit chart** → , and then select a chart.



2010	110	15
2011	115	18
2012	123	20
2013	131	23







Editing a chart

To edit a chart, tap and hold a chart or table, tap **Edit chart**, and then use the following options:

- Tap ◩ at the top left of the screen to change the chart type.
- Tap an item, and tap ✎, and then write values, to correct with your finger or the S Pen.

The available options may vary depending on the chart type.

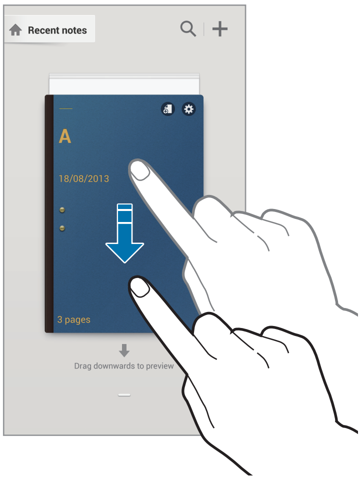
Viewing note pages

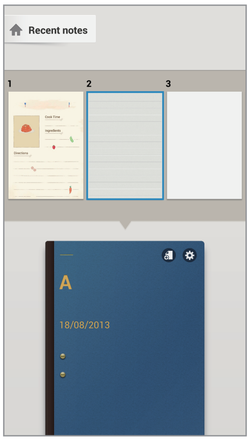
When viewing pages, tap ☰ to use the following options:

- **Delete**: Delete the page.
- **Share via**: Send the page to others.
- **Export**: Export the page as an image file or a PDF file.
- **Edit pages**: Change the layout of the pages, or import pages from other notes.
- **Add tag**: Add a tag to the page.
- **Index page**: Add an index to the page.
- **Add shortcut to home**: Add a shortcut to the page on the Home screen.
- **Print**: Print the page via a USB or Wi-Fi connection. Some printers may not be compatible with the device.
- **Save as**: Save the page with a different name.
- **Set as**: Set the page as wallpaper or a contact image.

Viewing pages preview

Drag down a note to preview the pages above the note.


Recent notes
A
18/08/2013
3 pages
Drag downwards to preview


Recent notes
1
2
3
A
18/08/2013

Tap ⚙ on the note cover to access the following options:

- **Delete**: Delete the note.
- **Share via**: Share the note with others.
- **Export**: Export the note as an image file or a PDF file.
- **Rename**: Rename the note.
- **Edit cover**: Change the note cover.
- **Add to Favorites**: Add the note to the favorites list.
- **Lock**: Lock the note so that others cannot view it.
- **Add shortcut to home**: Add a shortcut to the note on the Home screen.

Searching for notes

Use this feature to search for a note by entering search criteria, such as names, tags, text, or handwritten words.

Tap 🔍, tap the search field at the top of the screen, and then enter search criteria.

S Planner

Use this application to manage events and tasks.

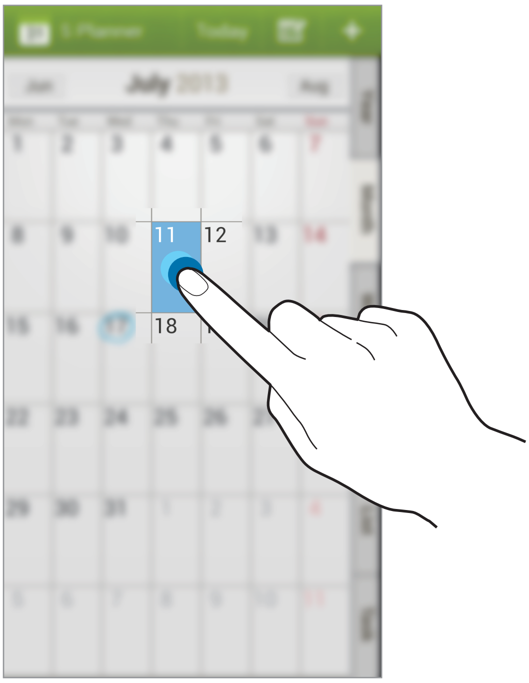
Tap **S Planner** on the Applications screen.

Creating events or tasks

Tap +, and then use one of the following methods:

- **Add event**: Enter an event with an optional repeat setting.
- **Add task**: Enter a task with an optional priority setting.

To add an event or task more briefly, tap a date to select it and tap it again.



Enter a title and specify which calendar to use or sync with. Then tap **Edit event details** or **Edit task details** to add more details, such as how often the event repeats, when it has an advance alert, or where it takes place.

Invite others to the event by sending a message or email. Enter the phone number or email address to the **Participants** field, or tap 👤 to open the contacts list.

Attach a map showing the location of the event. Enter the location in the **Location** field, tap 🗺 next to the field, and then pinpoint the precise location by tapping and holding on the map that appears.

Syncing with Google Calendar

On the Applications screen, tap **Settings** → **General** → **Accounts** → **Google** under **My accounts** → a Google account, tick **Sync Calendar**, and then tap **Sync now**.

To manually sync for updating, on the Applications screen, tap **S Planner** → ☰ → **Sync**.

To display synced events or tasks, tap ☰ → **Calendars**, and then tick the Google account.

Handwriting on Month view

On month view screen, tap ✎ to activate this feature. This is only available in month view in portrait mode.

Changing calendar type

Select one from among different types of calendars including year, month, week, and others at the right side of the screen.

Searching for events

Tap ☰ → **Search**, and then enter a keyword to search for.

To view today’s events, tap **Today** at the top of the screen.

Deleting events

Select an event or task, and then tap ☰ → **Delete** → **OK**.

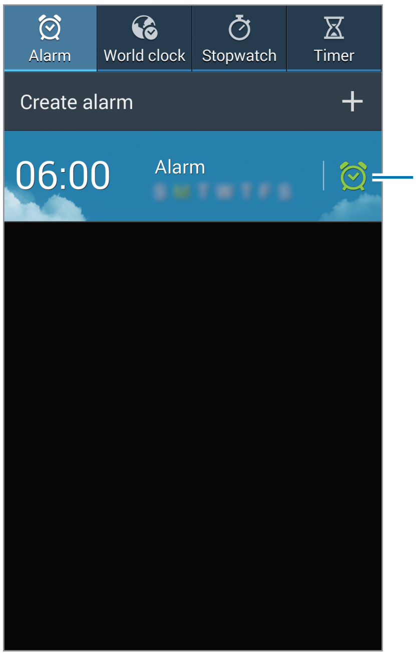
Sharing events

Select an event or task, tap ⋖, and then select a sharing method.

Clock

Use this application to set alarms, check the time of many major cities in the world, measure the duration of an event, or set a timer.

Tap **Clock** on the Applications screen.



Turn this alarm on or off.

Alarm

Setting alarms

Tap **Create alarm**, set a time for the alarm to go off, select days for the alarm to repeat, and then tap **Save**. You can also set an alarm by writing numbers with the S Pen.

- **Location alarm**: Set a location. The alarm goes off only when you are in the location.
- **Snooze**: Set an interval and the number of times for the alarm to repeat after the preset time.
- **Smart alarm**: Set a time for the alarm to go off before the preset time.

Stopping alarms

Drag ✕ outside the large circle to stop an alarm. Drag zZ outside the large circle to repeat the alarm after a specified length of time.

Deleting alarms

Tap and hold the alarm, and then tap **Delete**.

World clock

Creating clocks

Tap **Add city**, and then enter a city name or select a city from the cities list.

To apply summer time, tap and hold a clock, and then tap **DST settings**.

Deleting clocks

Tap and hold the clock, and then tap **Delete**.

Stopwatch

Tap **Start** to time an event. Tap **Lap** to record lap times.

Tap **Reset** to clear lap time records.

Timer

Set the duration, and then tap **Start**.

Drag ✕ outside the large circle when the timer goes off.

Calculator

Use this application for simple or complex calculations.

Tap **Calculator** on the Applications screen.

Rotate the device to landscape orientation to display the scientific calculator. If **Screen rotation** is disabled, tap ☰ → **Scientific calculator**.

To see the calculation history, tap ▬ to hide the keypad.

To clear the history, tap ☰ → **Clear history**.

To set the calculator for convenient use with one hand, tap ☰ → **One-handed operation on**.

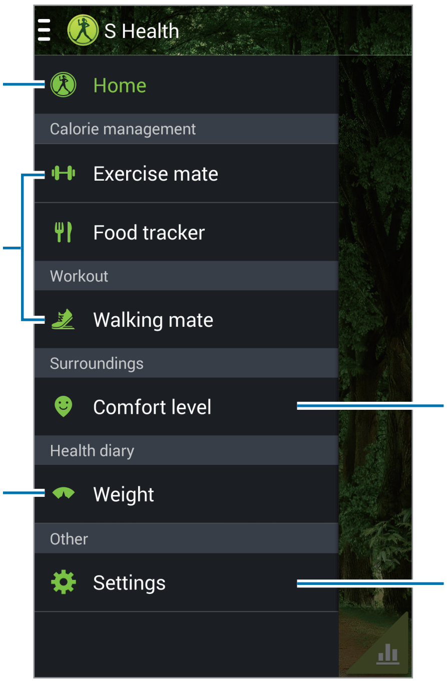
S Health

Use this application to monitor your health by managing intake or burnt calories.

Tap **S Health** on the Applications screen.

Starting S Health

When opening this application for the first time, follow the on-screen instructions, and then enter your physical statistics to complete the setup. Then, the S Health menu screen appears on the screen.


S Health
Home
Calorie management
Exercise mate
Food tracker
Workout
Walking mate
Surroundings
Comfort level
Health diary
Weight
Other
Settings

Access to the S Health home screen.

Manage calories.

Manage weight.

View the comfort level of your current place.

Configure settings for S Health.

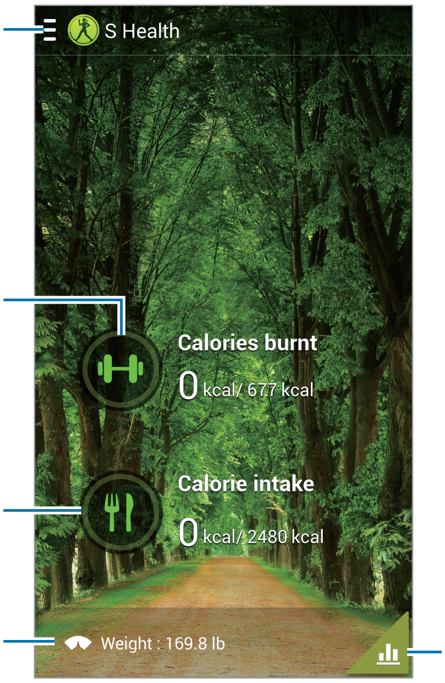
To edit the profile, tap **Settings** → **Edit profile**.

Based on your physical statistics, the device calculates your basal metabolic rate (BMR) and recommends a daily caloric intake. The recommendation may not be accurate for all ages, body compositions, or nutritional needs.

Checking your health information

View your information on the S Health home screen.

On the S Health menu screen, tap **Home**.



Access the S Health menu screen.
S Health
View how many calories you have burned.
Calories burnt
0 kcal/ 677 kcal
View how many calories you have ingested.
Calorie intake
0 kcal/ 2480 kcal
Weight data
Weight : 169.8 lb
View your health board data on a graph.

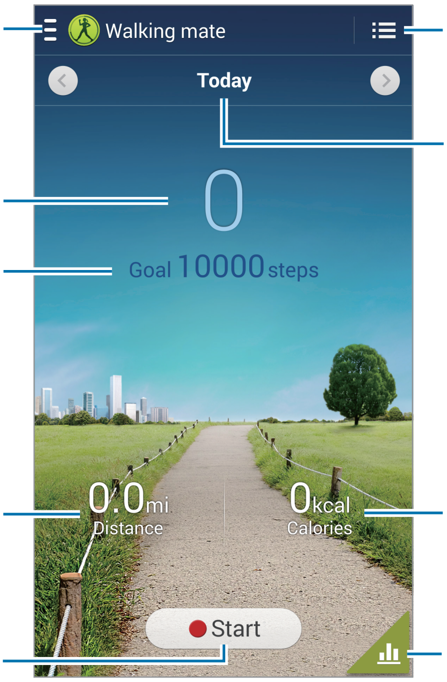
To enter burned calories, tap **Calories burned**.

To enter calories ingested, tap **Calorie intake**.

Using the Walking mate

Set a target number of steps and track your daily steps and burned calories.

On the S Health home screen, tap ☰ → **Walking mate**.



Access the S Health menu screen.

View the logs of your daily steps.

Move to a specific date of step count records.

Step counts

Target number of steps

How far you have walked

How many calories you have burned

Start your step count.

View your step count on a graph.

Tap **Start** to count your steps. Tap **Pause** to save the records.

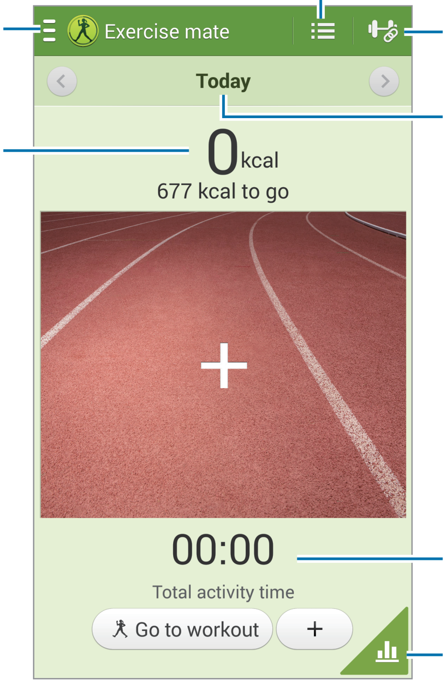
To change the target number of steps, tap ☰ → **Set goal**, enter a target, and then tap **Done**.

- You may experience a brief delay while the walking mate monitors your steps and then displays your step count.
- If you use the walking mate while travelling by car or train, vibration may affect your step count.

Using the Exercise mate

Set an exercise goal and monitor your calories burned.

On the S Health home screen, tap ☰ → **Exercise mate**.



Exercise mate
Today
0 kcal
677 kcal to go
00:00
Total activity time
Go to workout
+

Access the S Health menu screen.

How many calories you have burned

View the logs of your daily exercise.

View and manage accessory device connections.

Move to a specific date of exercise records.

How much time you have exercised

View exercise records on a graph.

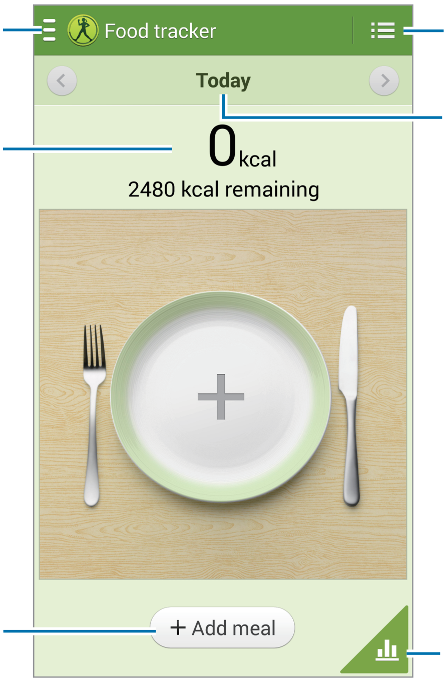
Tap **Go to workout** to set an exercise goal such as distance, time, calories, or intensity, and then tap **Start**.

Tap + to records the exercise you did. Select a sport, set a duration for the exercise period, and then tap **Done**.

Using the Food tracker

Set a calorie goal and record your daily caloric intake.

On the S Health home screen, tap ☰ → **Food tracker**.



Access the S Health menu screen.

Calories intake

Enter mealtime information.

View the logs of your daily caloric intake.

Move to a specific date of caloric intake records.

View your caloric intake on a graph.

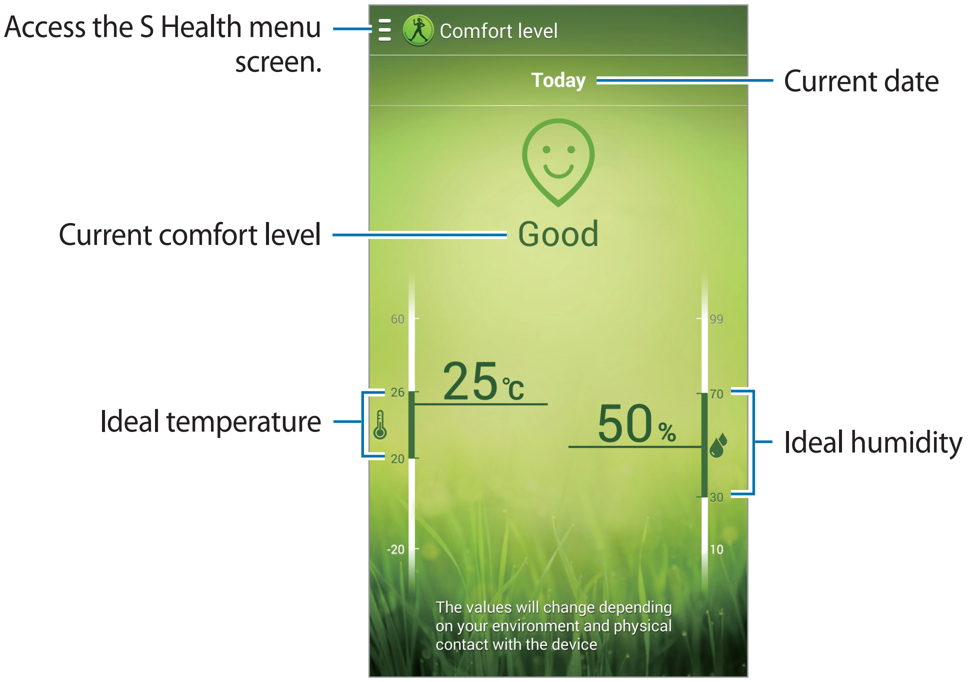
Tap **Add meal** to enter the caloric intake. Enter the mealtime information, and then tap **Save**.

To change a caloric intake goal, tap ☰ → **Set goal**, enter a daily caloric intake goal, and then tap **Done**.

Checking the comfort level of the current place

View the temperature and humidity of a place and compare the comfort level to preset conditions.

On the S Health home screen, tap ☰ → **Comfort level**.


Access the S Health menu screen.
Comfort level
Today
Current date
Current comfort level
Good
60
99
26
25℃
70
Ideal temperature
50%
Ideal humidity
20
30
-20
10

The values will change depending on your environment and physical contact with the device

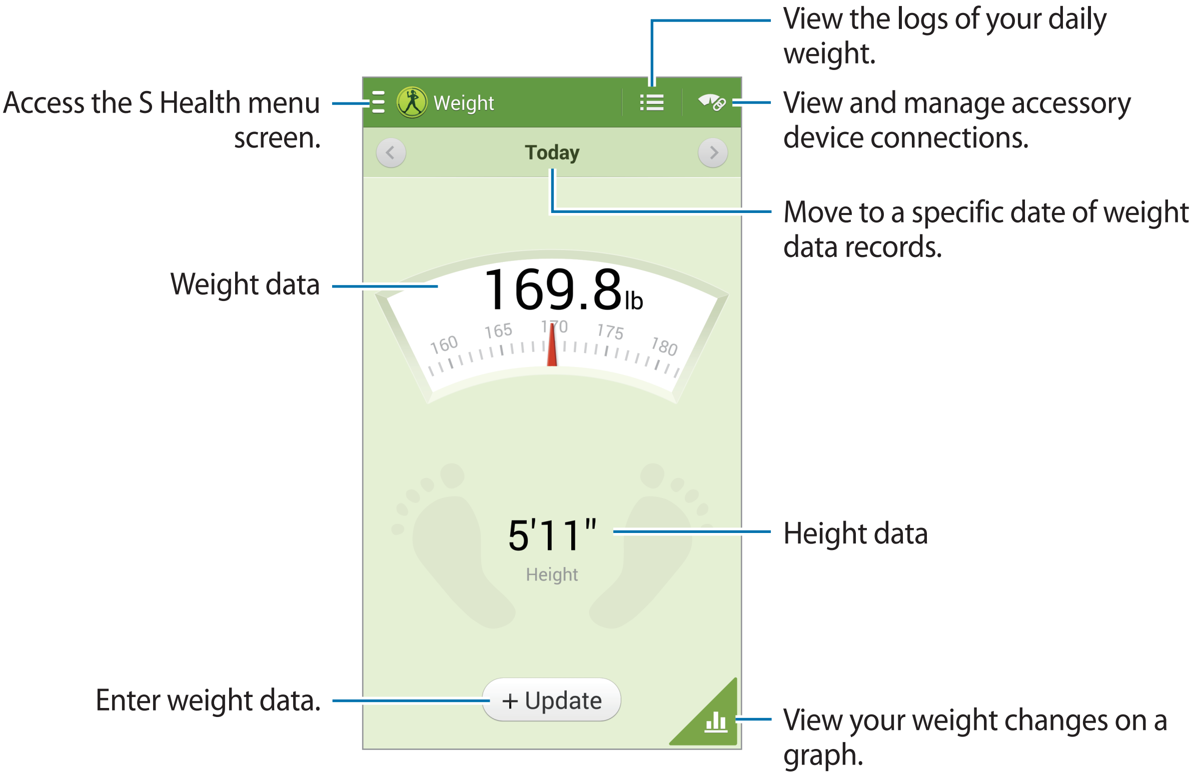
To change the range for the ideal temperature or humidity, tap ☰ → **Adjust comfort range**.

- Measure the temperature and humidity in a stable indoor environment.
- The temperature and humidity may vary depending on the ambient environment, device temperature, or your physical contact with the device.
- Measurements may take some time if there are sudden changes in temperature or humidity.
- For accurate measurements, use a thermo-hygrometer.

Managing weight

Record your weight changes and manage the weight data.

On the S Health home screen, tap ☰ → **Weight**.



View the logs of your daily weight.
Access the S Health menu screen.
Weight
View and manage accessory device connections.
Today
Move to a specific date of weight data records.
Weight data
169.8lb
160
165
170
175
180
5'11"
Height
Height data
Enter weight data.
+ Update
View your weight changes on a graph.

Tap **Update** to enter the weight data. Enter a value, and then tap **Done**. Whenever you change the weight data, the device applies the data to your profile.

You can connect a measuring device and record your weight. Tap the accessory icon → **Scan**, select a measuring device, and then follow the on-screen instructions to connect the measuring device.

Configuring settings for S Health

On the S Health home screen, tap ☰ → **Settings**, and then select one of the following:

- **Edit profile**: Edit your physical statistics.
- **Accounts**: Manage S Health data by signing in to Samsung account.
- **Security**: Set a PIN to lock or unlock S Health.
- **Unit settings**: Set unit options.
- **Notification**: Set the device to display new events.
- **Lock time zone**: Set to leave the time zone setting unchanged when moving across time zones.
- **Select time zone**: Set the time zone.
- **My accessories**: View and manage accessory device connections.
- **Compatible accessories**: View accessories that are compatible with the device or manage connected accessories.
- **Reset data**: Reset S Health data.
- **Check for updates**: Check the current version of S Health.
- **Terms of use**: View the terms and conditions, including personal information and data retention policies.
- **About S Health**: View information about S Health.

S Translator

Use this application to translate text into other languages.

Tap **S Translator** on the Applications screen.

To start **S Translator**, you need to download and install the application. Tap **Install**, and then follow the on-screen instructions.

You may incur additional charges when downloading this application via the mobile network. To avoid additional charges, contact your service provider.

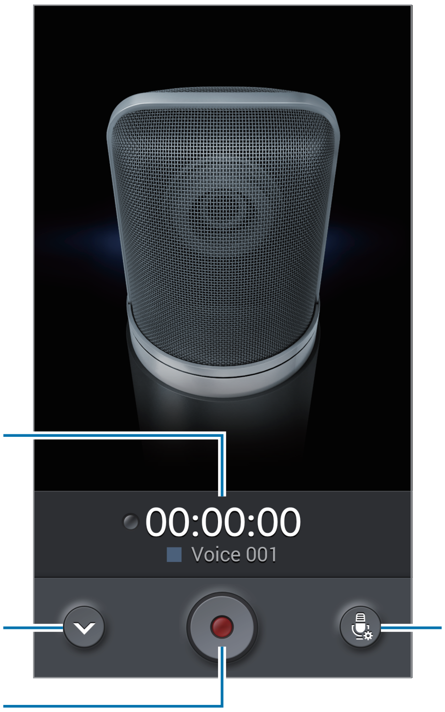
Voice Recorder

Use this application to record or play voice memos.

Tap **Voice Recorder** on the Applications screen.

Recording voice memos

Tap ● to start recording. Speak into the microphone at the top of the device. Tap ⏸ to pause recording. Tap ☐ to finish recording. While recording a voice memo, tap ★ to insert a bookmark.



Recording elapsed time

Display the list of voice memos.

Change the recording mode.

Start recording.

Changing the recording mode

Change the recording mode to record voice memo more clearly with predefined settings for various situations.

Tap 🎙, and select one of the recording mode.

Playing voice memos

Select a voice memo to play.

- ✂ : Trim the voice memo.
- A B : Set a portion of the recording for looped play.
- x1.0 : Adjust the playback speed.
- 🔇 : Skip a silent portion in the voice memo.
- ★ : Make bookmarks on the voice memo.
- ⏸ : Pause playback.
- ⏮ / ⏭ : Skip to the previous or next voice memo.

To send a voice memo to others, tap ≡ → **Share via**, and then select a sharing method.

Managing voice memos

In the list of voice memos, tap ≡ and select one of the following:

- **Share via**: Send voice memos to others.
- **Delete**: Delete voice memos.
- **Change category**: Change the category of memos.
- **Sort by**: Sort memos by date, title, or category.
- **Search**: Search for voice memos.
- **Manage categories**: Add, delete, or rename categories.
- **Settings**: Change the voice recorder settings.
- **End**: Close the voice recorder.

Saving files with contextual tags

In the list of voice memos, tap ☰ → **Settings**, and then tick **Contextual filename**.

Managing categories

Creating a category

In the list of voice memos, tap ☰ → **Manage categories** → +. Enter a category name, select a color, and then tap **Done**.

Changing a category

In the list of voice memos, tap ☰ → **Change category**, select memos, tap **Done**, and then select a category to change.

Viewing the Bookmarks list

While playing a voice memo that has bookmark points, tap ☰ → **Bookmarks** to view the details.

S Voice

Use this application to command the device by voice to dial a number, send a message, write a memo, and more.

Tap **S Voice** on the Applications screen. Alternatively, press the Home button twice.

- This application may not be available depending on the region or service provider.
- This application is not supported in some languages.

Here are several examples of spoken commands:

- Open music
- Launch calculator
- Call Lulu mobile
- Dial Lulu work
- Check schedule

Tips for better voice recognition

- Speak clearly.
- Speak in quiet places.
- Do not use offensive or slang words.
- Avoid speaking in dialectal accents.

The device may not recognize your commands or may perform unwanted commands depending on your surroundings or how you speak.

Hands-free mode

In hands-free mode, the device will read content aloud when you have incoming calls, messages, and notifications so you can use the device without hands while driving. For example, the device will read aloud the caller’s name or phone number when a call comes in.

To activate hands-free mode, say “Hands-free mode on” or tap ≡ → **Turn on Hands-free mode**.

To activate hands free mode automatically in specific places, in hands-free mode, tap ≡ → **Connect to vehicle** → **Select method**.

Deactivate hands-free mode when not in use to prevent the device from reading content aloud. To deactivate hands-free mode, tap ≡ → **Turn off Hands-free mode**.

Waking up the device with voice

When the screen is turned off, you can launch S Voice with a voice command. Say “Hi Galaxy” to the device to launch S Voice.

To activate this feature, tap ☰ → **Settings**,and then drag the **Voice wake-up** switch to the right.

Using wake-up commands on the locked screen

On the locked screen, you can use various functions with preset wake-up commands.

To activate this feature, on the Applications screen, tap **Settings** → **Device** → **Lock screen**, and then drag the **Wake up in lock screen** switch to the right.

S Finder

Use this application to search for a wide variety of items on the device, including emails, documents, images, music, applications, and more.

Tap and hold ☰ to launch **S Finder**. Alternatively, tap **S Finder** on the air command.

Tap the search field, and then enter search criteria. Alternatively, tap 🎙, and then speak a keyword to search for. You can also use this feature to search for the handwritten content in the device.

Google

Use this application to search not only the Internet, but also applications and their contents on the device as well.

Tap **Google** on the Applications screen.

This application may not be available depending on the region or service provider.

Searching the device

Tap the search field, and then enter a keyword. Alternatively, tap 🎤, and then speak a keyword.

If no results are returned from the applications, the web browser appears, displaying the search results.

Search scope

To select what applications to search, tap ☰ → **Settings** → **Phone search**, and then tick the items to search for.

Google Now

Launch Google search to view Google Now cards that show the current weather, public transit info, your next appointment, and more when you are most likely to need it.

Join Google Now when opening Google search for the first time. To change Google Now settings, tap ☰ → **Settings** → **Google Now**.

Scrapbook

Use this application to create your own digital scrapbook with content from webpages, videos and more.

Tap **Scrapbook** on the Applications screen.

This application may not be available depending on the region or service provider.

Creating categories

Tap ⋮ → **Create category**, select a layout from the list, enter a name, and then tap **OK**.

Collecting items

While viewing webpages, or videos, with the S Pen button pressed, draw a line around an area to select it. Tap **Scrapbook** from the list of applications that appears at the bottom of the screen, and then select a category to add the selected area.

Alternatively, tap **Scrapbooker** on the air command, draw a line around an area, and then tap ✓.

Viewing items

Select a category, and then select an item. While viewing an item, tap an icon at the top right of the screen to go to the source it was collected from.

Voice Search

Use this application to search webpages by speaking.

Tap **Voice Search** on the Applications screen.

This application may not be available depending on the region or service provider.

Speak a keyword or phrase when **Speak now** appears on the screen.

My Files

Use this application to access all kinds of files stored in the device, including images, videos, songs, and sound clips.

Tap **My Files** on the Applications screen.

Viewing files

Select a category and then tap a folder to open it.

In a folder, tap ≡, and then use one of the following options:

- **Select item**: Select files or folders.
- **Create folder**: Create a folder.
- **View as**: Change the view mode.
- **Sort by**: Sort files or folders.
- **Add shortcut**: Add a shortcut of the folder to the shortcuts area.
- **Settings**: Change the file manager settings.

Searching for a file

Tap 🔍, and then enter search criteria.

Adding shortcuts to folders

Add a shortcut of frequently-used folders to the shortcuts area. Tap +, select a folder, and then tap **Done**.

Downloads

Use this application to see what files are downloaded through the applications.

Tap **Downloads** on the Applications screen.

This application may not be available depending on the region or service provider.

Select a file to open it with an appropriate application.

To sort the files by size, tap **Sort by size**.

To sort the files by date, tap **Sort by date**.

TripAdvisor

Use this application to get travel information such as destination or hotel. You can also book for a room and share your reviews with others.

Tap **TripAdvisor** on the Applications screen.

To start **TripAdvisor**, you need to download and install the application. Tap **Install**, and then follow the on-screen instructions.

- This application may not be available depending on the region or service provider.
- You may incur additional charges when downloading this application via the mobile network. To avoid additional charges, contact your service provider.

Evernote

Use this application to create, synchronize, and share multimedia notes that you create. You can add tags to the notes, or sort the notes into a notebook so that you can manage your ideas efficiently.

Tap **Evernote** on the Applications screen.

This application may not be available depending on the region or service provider.

KNOX

Use this application freely use your device for both work and personal use.

Tap **KNOX** on the Applications screen.

To start **KNOX**, you need to download and install the application. Tap **Install**, and then follow the on-screen instructions.

- This application may not be available depending on the region or service provider.
- To secure your data, **KNOX** and associated data is deleted when the password is entered incorrectly several times.
- You may incur additional charges when downloading this application via the mobile network. To avoid additional charges, contact your service provider.

Travel & local

Maps

Use this application to pinpoint the location of the device, search for places, or get directions.

Tap **Maps** on the Applications screen.

This application may not be available depending on the region or service provider.

Searching for locations

Search for locations by entering an address or a keyword. Once the location is found, select a location to view the detailed information. Refer to the help for more information.

Getting directions for a destination

Tap ⑂ to set starting and ending locations, and then select a travel method. The device shows the routes to get to the destination.

Settings

About Settings

Use this application to configure the device, set application options, and add accounts.

Tap **Settings** on the Applications screen.

Connections

Wi-Fi

Activate the Wi-Fi feature to connect to a Wi-Fi network and access the Internet or other network devices.

To use options, tap **Wi-Fi** → ≡.

- **Advanced**: Customize Wi-Fi settings.
- **WPS push button**: Connect to a secured Wi-Fi network with a WPS button.
- **WPS PIN entry**: Connect to a secured Wi-Fi network with a WPS PIN.
- **Help**: Access help information for Wi-Fi.

Setting Wi-Fi sleep policy

Tap **Wi-Fi** → ≡ → **Advanced** → **Keep Wi-Fi on during sleep**.

When the screen is turned off, the device automatically turns off Wi-Fi connections. When this happens, the device automatically accesses data networks if it is set to use them. This may incur data transfer fees. To avoid data-usage bills, set this option to **Always**.

Setting Network notification

The device can detect open Wi-Fi networks and display an icon on the status bar to notify when available.

Tap **Wi-Fi** → ☰ → **Advanced** and tick **Network notification** to activate this feature.

Wi-Fi Direct

Wi-Fi Direct connects two devices directly via a Wi-Fi network without requiring an access point.

Tap **Wi-Fi** → **Wi-Fi Direct**.

Bluetooth

Activate the Bluetooth feature to exchange information over short distances.

To use more options, tap ☰.

- **Visibility timeout**: Set duration that the device is visible.
- **Received files**: View received files via the Bluetooth feature.
- **Help**: Access help information for Bluetooth.

Tethering and portable hotspot

- **Portable Wi-Fi hotspot**: Use the portable Wi-Fi hotspot to share the device’s mobile network connection with computers or other devices through the Wi-Fi network.
- **USB tethering**: Use USB tethering to share the device’s mobile network connection with a computer via USB. When connected to a computer, the device is used as a wireless modem for the computer.
- **Bluetooth tethering**: Use Bluetooth tethering to share the device’s mobile network connection with computers or other devices via Bluetooth.

Airplane mode

This disables all wireless functions on your device. You can use only non-network services.

Data usage

Keep track of your data usage amount, and customize the settings for the limitation.

- **Mobile data**: Set the device to use data connections on any mobile network.
- **Set mobile data limit**: Set a limit for the mobile data usage.
- **Data usage cycle**: Enter monthly reset date to monitor your data usage.

To use more options, tap ≡.

- **Data roaming**: Set the device to use data connections when you are roaming.
- **Restrict background data**: Set the device to disable sync in the background while using a mobile network.
- **Auto sync data**: Activate or deactivate auto-syncing of applications. You can select what information to sync for each account in **Settings** → **General** → **Accounts**.
- **Show Wi-Fi usage**: Set the device to show your data usage via Wi-Fi.
- **Mobile hotspots**: Select Wi-Fi hotspots to prevent applications that are running in the background from using them.

Location services

Change settings for location information permissions.

- **Access to my location**: Set the device to allow applications to use your current location information.
- **Use GPS satellites**: Set the device to use the GPS satellite for finding the current location.
- **Use wireless networks**: Set the device to allow location data collection or to determine the location of your lost or stolen device via Wi-Fi.
- **My places**: Set up profiles that will be used for specific locations when you use GPS, Wi-Fi, or Bluetooth features to find your current location.

More networks

Customize settings to control networks.

Mobile networks

- **Mobile data**: Use to allow packet switching data networks for network services.
- **Data roaming**: Use the device to connect to another network when you are roaming or your home network is not available.
- **Access Point Names**: Set up access point names (APNs).
- **Network mode**: Select a network type.
- **Network operators**: Search for available networks and select a network for roaming.

VPN

Set up and connect to virtual private networks (VPNs).

NFC

Activate the NFC feature to read or write NFC tags that contain information.

- **Android Beam**: Turn on the Android Beam feature to send data, such as webpages and contacts, to NFC-enabled devices.

S Beam

Activate the S Beam feature to send data, such as videos, images, and documents, to devices that support NFC and Wi-Fi Direct.

Nearby devices

- **Device name**: Enter a media server name for your device.
- **Shared contents**: Set the device to share your content with other devices.
- **Allowed devices list**: View the list of devices that can access your device.
- **Not-allowed devices list**: View the list of devices that are blocked from accessing your device.
- **Download to**: Select a memory location for saving media files.
- **Upload from other devices**: Set the device to accept uploads from other devices.

Screen Mirroring

Activate the screen mirroring feature and share your display with others.

Device

Sound

Change settings for various sounds on the device.

- **Volume**: Adjust the volume level for call ringtones, music and videos, system sounds, and notifications.
- **Vibration intensity**: Adjust the force of the vibration notification.
- **Ringtones**: Add or select a ringtone to alert you to incoming calls.
- **Vibrations**: Add or select a vibration pattern.
- **Default notification sound**: Select a ringtone for events, such as incoming messages and missed calls.
- **Vibrate when ringing**: Set the device to vibrate and play a ringtone for incoming calls.
- **Dialing keypad tone**: Set the device to sound when tapping the buttons on the keypad.
- **Touch sounds**: Set the device to sound when selecting an application or option on the touch screen.

- **Screen lock sound**: Set the device to sound when locking or unlocking the touch screen.
- **Haptic feedback**: Set the device to vibrate when touching keys.
- **Pen attach/detach sound**: Set the device to emit a sound when the S Pen is inserted or pulled out from the slot.
- **Key-tap sound**: Set the device to sound when a key is touched.
- **Key-tap vibration**: Set the device to vibrate when a key is touched.
- **Audio output**: Select a sound output format to use when connecting your device to HDMI devices. Some devices may not support the surround sound setting.
- **Adapt Sound**: Personalize the sound for the ear you use most during calls or while listening to music.

Display

- **Brightness**: Set the brightness of the display.
- **Screen timeout**: Set the length of time the device waits before turning off the display's backlight.
- **Touch key light duration**: Set the duration for the touch button backlight.
- **Screen mode**:
  - **Adapt display**: Use this mode for optimising the display according to the display settings.
  - **Dynamic**: Use this mode to make the display tone more vivid.
  - **Standard**: Use this mode for normal surroundings.
  - **Professional photo**: Use this mode to make the display tone look like real colors.
  - **Movie**: Use this mode for dim surroundings, such as in a dark room.
- **Reading mode**: Select which applications will use reading mode. In reading mode, the device helps protect your eyes when reading at night.
- **Auto adjust screen tone**: Set the device to save power by adjusting the brightness of the display.
- **Daydream**: Set the device to launch a screensaver when your device is connected to a desktop dock or charging.
- **Auto rotate screen**: Set the content to rotate automatically when the device is turned.
- **Show battery percentage**: Set the device to display the remaining battery life.
- **Edit after screen capture**: Set the device to edit the screenshot after capturing it.

Multi window

Set the device to use Multi Window.

LED indicator

- **Charging**: Set the device to turn on the notification light while you are charging the battery.
- **Low battery**: Set the device to turn on the notification light when the battery is low.
- **Notifications**: Set the device to turn on the notification light when you have missed calls, messages, or notifications.
- **Voice recording**: Set the device to turn on the notification light when you record voice memos.

Lock screen

Change settings for the locked screen.

- **Screen lock**: Activate the screen lock feature. The following options may vary depending on the screen lock feature selected.
- **Multiple widgets**: Set the device to allow use of widgets on the locked screen.
- **Clock widget options**: Configure settings for the clock widget.
  - **Dual clock**: Set the device to show the dual clock.
  - **Clock size**: Change the size of the clock.
  - **Show date**: Set the device to show the date with the clock.
  - **Weather**: Set the device to show weather information on the locked screen.
- **Shortcuts**: Set the device to show and edit application shortcuts on the locked screen.

This feature may not be available depending on the region or service provider.

- **Personal message**: Edit the personal message.
- **Owner information**: Enter your information that is shown with the clock.
- **Unlock effect**: Select an effect when you unlock the screen.

- **Ink effect**: Change the color for the ink effect. The ink effect is available only with the S Pen.
- **Wake up in lock screen**: Set the device to recognize your wake up command when the screen is locked.
- **Action Memo on lock screen**: Set the device to launch Action Memo when you double-tap the locked screen with the S Pen button pressed.
- **Help text**: Set the device to show the help text on the locked screen.

Wallpaper

Change the settings for the wallpaper.

- **Home screen**: Select a background image for the Home screen.
- **Lock screen**: Select a background image for the locked screen.
- **Home and lock screens**: Select a background image for the Home screen and the locked screen.

Font

Change the settings for the font.

- **Font style**: Change the font type for display text.
- **Font size**: Change the font size.

Notification panel

Customize the items that appear on the notifications panel.

- **Brightness adjustment**: Adjust the brightness of the display.
- **Set the quick setting buttons**: Rearrange the quick setting buttons displayed on the notifications panel.

Easy mode

Set the device to Easy mode.

Accessibility

Accessibility services are special features for those with certain physical disabilities. Access and alert the following settings to improve accessibility to the device.

- **Auto rotate screen**: Set the interface to rotate automatically when you rotate the device.
- **Screen timeout**: Set the length of time the device waits before turning off the display's backlight.
- **Speak passwords**: Set the device to read aloud passwords you enter with Talkback.
- **Answering/ending calls**:
  - **The home key answers calls**: Set the device to answer an incoming call when pressing the Home button.
  - **Voice control**: Set the device to answer or reject an incoming call with voice commands.
  - **The power key ends calls**: Set the device to end a call when pressing the Power button.
- **Easy touch mode**: Set this to control incoming calls or notifications by tapping the button instead of dragging it.
- **Show shortcut**: Add a shortcut to **Accessibility** on the quick menu that appears when you press and hold the Power button.
- **Manage accessibility**: Export or import the accessibility settings to share them with other devices.
  - **Export**: Export the current accessibility settings as a file.
  - **Update**: Import the current accessibility settings as a file.
  - **Share via**: Share a accessibility settings file to others.
  - **Android Beam**: Share a accessibility settings file to NFC-enabled devices.
- **TalkBack**: Activate Talkback, which provides voice feedback.
- **Font size**: Change the font size.

- **Magnification gestures**: Set the device to zoom in and out with finger gestures.
- **Negative colors**: Reverse the display colors to improve visibility.
- **Color adjustment**: Adjust the color scheme for the screen when the device determines that you are color blind or having difficulty reading content.
- **Notification reminder**: Activate or deactivate beep sounds for new notifications.
- **Accessibility shortcut**: Set the device to activate Talkback when you press and hold the Power button, and then tap and hold the screen with two fingers.
- **Text-to-speech options**:
  - **Preferred TTS engine**: Select a speech synthesis engine. To change the settings for speech synthesis engines, tap ⚙.
  - **Speech rate**: Select a speed for the text-to-speech feature.
  - **Listen to an example**: Listen to the spoken text for an example.
- **Sound balance**: Adjust the sound balance when using a dual headset.
- **Mono audio**: Enable mono sound when listening to audio with one earbud.
- **Turn off all sounds**: Mute all device sounds.
- **Flash notification**: Set the flash to blink when you have incoming calls, new messages, or notifications.
- **Assistant menu**: Set the device to show the assistive shortcut icon that helps you access functions supported by external buttons or features on the notifications panel. You can also edit the menu on the shortcut icon.
  - **Dominant hand**: Select the left or right hand for easy assistant menu use.
  - **Edit**: Customize the items that appear on the assistant menu.
- **Press and hold delay**: Set the recognition time for tapping and holding the screen.
- **Interaction control**: Set an area of the screen to be excluded from touch inputs.

Call

Customize the settings for calling features.

- **Call rejection**: Reject calls from specified phone numbers automatically. Add phone numbers to the reject list.
- **Set up call rejection messages**: Add or edit the message sent when you reject a call.
- **Answering/ending calls**:
  - **The home key answers calls**: Set the device to answer an incoming call when pressing the Home button.
  - **Voice control**: Set the device to answer or reject an incoming call with voice commands.
  - **The power key ends calls**: Set the device to end a call when pressing the Power button.
- **Turn off screen during calls**: Set the device to turn on the proximity sensor during a call.
- **Call alerts**:
  - **Answer vibration**: Set the device to vibrate when the other party answers a call.
  - **Call-end vibration**: Set the device to vibrate when the other party ends a call.
  - **Call connect tone**: Activate or deactivate the call connection tone.
  - **Minute minder**: Activate or deactivate the minute minder tone.
  - **Call end tone**: Activate or deactivate the call disconnection tone.
  - **Alerts on call**: Set the device to alert you to events during a call.
- **Incoming call notifications**: Set the device to display a pop-up notification when a call comes in.
- **Call accessories**:
  - **Automatic answering**: Set the device to answer automatically after a specified period (available only when a headset is connected).
  - **Automatic answering timer**: Select the length of time that the device waits before answering calls.
  - **Outgoing call conditions**: Set the device to allow outgoing calls with a Bluetooth headset, even when your device is locked.

- **Additional settings**:
  - **Caller ID**: Display your caller ID to other parties for outgoing calls.
  - **Call forwarding**: Divert incoming calls to another number.
  - **Auto area code**: Set the device to insert a prefix (area or country code) automatically before a phone number.
  - **Call barring**: Block incoming or outgoing calls.
  - **Call waiting**: Allow incoming call alerts when a call is in progress.
  - **Auto redial**: Activate auto redial for calls that were not connected or that were cut off.
  - **Fixed dialing numbers**: Activate or deactivate FDN mode to restrict calls to numbers in the FDN list. Enter the PIN2 supplied with your SIM or USIM card.
- **Ringtones and keypad tones**:
  - **Ringtones**: Select a ringtone to alert you to incoming calls.
  - **Vibrations**: Add or select a vibration pattern.
  - **Vibrate when ringing**: Set the device to vibrate and play a ringtone for incoming calls.
  - **Keypad tones**: Set the device to sound when tapping the buttons on the keypad.
- **Personalize call sound**: Select a type of call sound to use with a headset.
- **Noise reduction**: Set the device to remove background noise so that the other party can hear you more clearly.
- **Increase volume in pocket**: Set the device to raise the ringtone volume when the device is in an enclosed, such as a bag or pocket.
- **Voicemail service**: Select or set your voicemail service provider.
- **Voicemail settings**: Enter the number to access the voicemail service. Obtain this number from the service provider.
- **Sound**: Select a ringtone to alert you to new voicemails.
- **Vibrate**: Set the device to vibrate when voicemails are received.

Blocking mode

Select which notifications will be blocked or set to allow notifications for calls from specified contacts in blocking mode.

Controls

Language and input

Change the settings for text input. Some options may not be available depending on the selected language.

Language

Select a display language for all menus and applications.

Default

Select a default keyboard type for text input.

Samsung keyboard

To change the Samsung keyboard settings, tap ⚙.

The available options may vary depending on the region or service provider.

- **Input languages**: Select languages for text input.
- **Predictive text**: Activate predictive text mode to predict words based on your input and show word suggestions. You can also customize the word prediction settings.
- **Auto replacement**: Set the device to correct misspelled and incomplete words by tapping the space bar or punctuation mark.
- **Auto capitalization**: Set the device to automatically capitalize the first character after a final punctuation mark, such as a full stop, question mark, or exclamation mark.
- **Auto spacing**: Set the device to automatically insert a space between words.

- **Auto punctuate**: Set the device to insert a full stop when you double-tap the space bar.
- **None**: Set the device to deactivate the keyboard swipe feature.
- **Continuous input**: Set the device to enter text by sweeping on the keyboard.
- **Cursor control**: Enable the smart keyboard navigation feature to move the cursor by scrolling the keyboard.
- **Sound**: Set the device to sound when a key is touched.
- **Vibration**: Set the device to vibrate when a key is touched.
- **Character preview**: Set the device to display a large image of each character tapped.
- **Pen detection**: Set the device to open the handwriting panel when the field is tapped with the S Pen.
- **Help**: Access help information for using the Samsung keyboard.
- **Reset settings**: Reset Samsung keyboard settings.

Google voice typing

To change the voice input settings, tap ⚙.

- **Choose input languages**: Select input languages for text input.
- **Block offensive words**: Set the device to prevent the device from recognising offensive words in voice inputs.
- **Download offline speech recognition**: Download and install language data for offline voice input.

Handwriting recognition

Select a search language for handwriting search.

Voice search

- **Language**: Select a language for the voice recognition.
- **Speech output**: Set the device to provide voice feedback to alert you to the current action.
- **Block offensive words**: Hide offensive words from voice search results.
- **Hotword detection**: Set the device to begin voice recognition when you say the wake up command while using the search application.
- **Download offline speech recognition**: Download and install language data for offline voice input.
- **Bluetooth headset**: Set the device to allow a voice search with a Bluetooth headset, when it is connected to the device.

Text-to-speech options

- **Preferred TTS engine**: Select a speech synthesis engine. To change the settings for speech synthesis engines, tap ⚙.
- **Speech rate**: Select a speed for the text-to-speech feature.
- **Listen to an example**: Listen to the spoken text for an example.

Pointer speed

Adjust the pointer speed for the mouse or trackpad connected to your device.

Voice control

Set the device to recognize voice commands for controlling your device. You can select the features to control with voice commands.

If **Vibrate when ringing** is activated, the device will not be able to recognize voice commands when a call comes in.

Hands-free mode

Set the device to read contents aloud and specify applications to use in hands-free mode.

S Pen

Change the settings for using the S Pen.

- **Turn off pen detection**: Set the screen not to respond when inserting or removing the S Pen.
- **S Pen keeper**: Set the device to display a pop-up alert and emit a sound if you walk when the touch screen is off and S Pen is removed from the device.
- **Pointer**: Set the device to display the S Pen pointer when hovering the S Pen over the screen.
- **Direct pen input**: Set the device to launch handwriting pad when hovering the S Pen over a text input field.
- **Pen detachment options**: Set the device to launch Action Memo or display air command when the S Pen is pulled out from the slot.
- **Pen attach/detach sound**: Set the device to emit a sound when the S Pen is inserted or pulled out from the slot.

One-handed operation

Activate one-handed operation mode for your convenience when using the device with one hand.

- **Use for all screens**: Set the device to adjust the size and position of the current screen. You can scale down device’s screen with simple gestures.
- **Keypad and in-call buttons**: Set the device to adjust the size and position of the keypad.
- **Samsung keyboard**: Set the device to adjust the size and position of the Samsung keyboard.
- **Calculator**: Set the device to adjust the size and position of the calculator.
- **Unlock pattern**: Set the device to adjust the size and position of the unlock pattern screen.
- **Learn about one-handed operation**: View the tutorial for one-handed operation.

Air gesture

Activate the air gesture feature to control the device without touching the screen.

- **Learn about sensor and icon**: View information about the gesture sensor and the indicator that appears while using the air gesture feature.
- **Quick glance**: When the screen is turned off, move your hand above the sensor to view notifications, missed calls, new messages, time and date, and more.
- **Air jump**: While viewing emails or webpages, move your hand up or down across the sensor to scroll the page up or down.
- **Air browse**: Move your hand to the left or right across the sensor to browse images, webpages, songs, or notes.
- **Air call-accept**: When a call comes in, move your hand to the left, and then to the right across the sensor to answer the call.

Air view

Preview content or view information in a pop-up window by pointing at an item with your finger or the S Pen.

- **Air view mode**: Select an air view mode to use.
- **Air view pen options**:
  - **Information preview**: View information in a pop-up window by pointing at items with the S Pen.
  - **Progress preview**: While playing music or videos, preview a scene or view the elapsed time by pointing at the progress bar with the S Pen.
  - **Speed dial preview**: View contact information of speed dial numbers in a pop-up window by pointing at a speed dial number with the S Pen.
  - **Icon labels (by pen nib)**: View simple information for an item in a pop-up window by pointing at the item with the S Pen.
  - **List scrolling**: While viewing emails or webpages, hold the S Pen over the edge of the screen to scroll through the page.
  - **Sound and haptic feedback**: Set the device to sound and vibrate when pointing at items with the S Pen.

- **Air view finger options**:
  - **Information preview**: View information in a pop-up window by pointing at items with your finger.
  - **Progress preview**: While playing music or videos, preview a scene or view the elapsed time by pointing at the progress bar with your finger.
  - **Speed dial preview**: View contact information of speed dial numbers in a pop-up window by pointing at a speed dial number with your finger.
  - **Webpage magnifier**: While browsing the Internet, magnify the content by pointing at the screen.
  - **Sound and haptic feedback**: Set the device to sound and vibrate when pointing at items with your finger.

Air command

Activate the air command feature to take various actions directly with the S Pen button pressed.

Motions

Activate the motion recognition feature and change the settings that control motion recognition on your device.

- **Direct call**: Set the device to make a voice call by picking up and holding the device near your ear while viewing call, message, or contact details.
- **Smart alert**: Set the device to alert you if you have missed calls or new messages when you pick up the device.
- **Zoom**: Set the device to zoom in or out while viewing images in **Gallery** or browsing webpages, when you tap and hold two points with your fingers and then tilt the device back and forth.
- **Browse an image**: Set the device to scroll through an image by moving the device in any direction when the image is zoomed in.
- **Mute/pause**: Set the device to mute incoming calls, alarms, and music by placing the device face down.

Palm motion

Activate the palm motion feature to control the device by touching the screen.

- **Capture screen**: Set the device to capture an image of the screen when you sweep your hand to the left or right across the screen.
- **Mute/pause**: Set the device to pause media playback when you touch the screen with your palm.

Smart screen

- **Smart stay**: Set the device to prevent the display backlight from turning off while you are looking at the display.
- **Smart rotation**: Set the interface not to rotate according to the orientation of your face.
- **Smart pause**: Set the device to pause video playback when you look away from the screen.
- **Smart scroll**:
  - **Scroll by**: Select a method to scroll the screen up or down.
  - **Speed**: Adjust the speed for scrolling the screen.
  - **Visual Feedback display**: Set the device to display a signal icon when the device recognizes your action.

This feature may not work properly in bright light, in dark conditions, or when the device is being moved or shaken.

Increase touch sensitivity

Set the device to increase its touch sensitivity.

Depending on the type of material you wear while touching the device, some commands may not be recognized.

General

Accounts

Add email or SNS accounts.

Backup and reset

Change the settings for managing settings and data.

- **Back up my data**: Set the device to back up settings and application data to the Google server.
- **Backup account**: Set up or edit your Google backup account.
- **Automatic restore**: Set the device to restore settings and application data when the applications are reinstalled on the device.
- **Factory data reset**: Reset settings to the factory default values and delete all data.

Date and time

Access and alter the following settings to control how the device displays the time and date.

If the battery remains fully discharged or removed from the device, the time and date is reset.

- **Automatic date and time**: Automatically update the time and date when moving across time zones.
- **Set date**: Set the current date manually.
- **Set time**: Set the current time manually.
- **Automatic time zone**: Set the device to receive time zone information from the network when you move across time zones.
- **Select time zone**: Set the home time zone.
- **Use 24-hour format**: Display time in 24-hour format.
- **Select date format**: Select a date format.

Safety assistance

Set the device to send a message to recipients in an emergency. Press and hold the both sides of the Volume button for 3 seconds to send the message.

- **Edit emergency message**: Edit the message that will be sent when you are in an emergency.
- **Send emergency pictures**: Set the device to take photos and send them along with the message to the recipients.

This feature may not be available depending on the region or service provider.

- **Message interval**: Set an interval for resending the message.
- **Emergency contacts**: Select or edit the recipients for the message.

Accessory

Change the accessory settings.

- **Dock sound**: Set the device to play a sound when your device is connected to or removed from a desktop dock.
- **Audio output mode**: Set the device to use the dock speaker when your device is connected to a desktop dock.
- **Desk home screen display**: Set the device to show the desk clock when your device is connected to a desktop dock.
- **Automatic unlock**: Set the device to unlock automatically when the cover is flipped open.
- **S View window color**: Selet the device to apply the selected colour to all S View cover window screens.
- **Select info shown cover**: Select the information that appears on the S View cover window screen.
- **Audio output**: Select a sound output format to use when connecting your device to HDMI devices. Some devices may not support the surround sound setting.

Application manager

View and manage the applications on your device.

Battery

View the amount of battery power consumed by your device.

Power saving mode

Activate power-saving mode and change the settings for power-saving mode.

- **CPU power saving**: Set the device to limit some system resource usage.
- **Screen power saving**: Set the device to decrease the brightness of the display.
- **Turn off haptic feedback**: Set the device to turn off the vibration when touching keys.
- **Learn about Power saving**: Discover how to reduce battery consumption.

Storage

View memory information for your device and memory card, or format a memory card.

Formatting a memory card permanently deletes all data from it.

The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory. The available capacity may change when you upgrade the device.

Security

Change settings for securing the device and the SIM or USIM card.

- **Encrypt device**: Set a password to encrypt data saved on the device. You must enter the password each time you turn on the device.

Charge the battery before enabling this setting because it may take more than an hour to encrypt your data.

- **Encrypt external SD card**: Set the device to encrypt files on a memory card.

If you reset your device to the factory defaults with this setting enabled, the device will not be able to read your encrypted files. Disable this setting before resetting the device.

- **Remote controls**: Set the device to allow control of your lost or stolen device remotely via the Internet. To use this feature, you must sign in to your Samsung account.
  - **Account registration**: Add or view your Samsung account.
  - **Use wireless networks**: Set the device to allow location data collection or to determine the location of your lost or stolen device via Wi-Fi or mobile network.
- **SIM change alert**: Activate or deactivate the Find my mobile feature which helps locate the device when lost or stolen.
- **Go to the find My mobile webpage**: Access the Find my mobile website (*findmymobile.samsung.com*). You can track and control your lost or stolen device on the Find my mobile website.
- **Reactivation lock**: Set the device to require your Samsung account after the device has been reset to prevent others from reactivating the device.
- **Set up SIM card lock**:
  - **Lock SIM card**: Activate or deactivate the PIN lock feature to require the PIN before using the device.
  - **Change SIM PIN**: Change the PIN used to access SIM or USIM data.
- **Make passwords visible**: By default, the device hides passwords for security. Set the device to display passwords as they are entered.
- **Device administrators**: View device administrators installed on the device. You can allow device administrators to apply new policies to the device.
- **Unknown sources**: Choose to install applications from any source. If not chosen, download applications only from Play Store.
- **Verify apps**: Set the device to allow Google to check the application for harmful behaviour before installing it.
- **Change security level**: Select the level for actions under security policy.
- **Auto update security**: Set the device to check and download security updates automatically.

- **Via Wi-Fi only**: Set the device to download security updates automatically only when the device is connected to a Wi-Fi network.
- **Storage type**: Set a storage type for credential files.
- **Trusted credentials**: Use certificates and credentials to ensure secure use of various applications.
- **Install from device storage**: Install encrypted certificates stored on the USB storage.
- **Clear credentials**: Erase the credential contents from the device and reset the password.

About device

Access device information and update device software.

Google Settings

Use this application to configure settings for some features provided by Google.

Tap **Google Settings** on the Applications screen.

Troubleshooting

Before contacting a Samsung Service Centre, please attempt the following solutions. Some situations may not apply to your device.

When you turn on your device or while you are using the device, it prompts you to enter one of the following codes:

- Password: When the device lock feature is enabled, you must enter the password you set for the device.
- PIN: When using the device for the first time or when the PIN requirement is enabled, you must enter the PIN supplied with the SIM or USIM card. You can disable this feature by using the Lock SIM card menu.
- PUK: Your SIM or USIM card is blocked, usually as a result of entering your PIN incorrectly several times. You must enter the PUK supplied by your service provider.
- PIN2: When you access a menu requiring the PIN2, you must enter the PIN2 supplied with the SIM or USIM card. For details, contact your service provider.

Your device displays network or service error messages

- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again. While moving, error messages may appear repeatedly.
- You cannot access some options without a subscription. Contact your service provider for more details.

Your device does not turn on

- When the battery is completely discharged, your device will not turn on. Charge the battery completely before turning on the device.
- The battery may not be inserted properly. Insert the battery again.
- Wipe both gold-colored contacts and insert the battery again.

The touch screen responds slowly or improperly

- If you attach a protective cover or optional accessories to the touch screen, the touch screen may not function properly.
- If you are wearing gloves, if your hands are not clean while touching the touch screen, or if you tap the screen with sharp objects or your fingertips, the touch screen may malfunction.
- The touch screen may malfunction in humid conditions or when exposed to water.
- Restart your device to clear any temporary software bugs.
- Ensure that your device software is upgraded to the latest version.
- If the touch screen is scratched or damaged, visit a Samsung Service Centre.

Your device freezes or has fatal errors

If your device freezes or hangs, you may need to close applications or reinsert the battery and turn on the device to regain functionality. If your device is frozen and unresponsive, press and hold the Power button for more than 7 seconds to reboot.

If this does not solve the problem, perform a factory data reset. On the Applications screen, tap **Settings** → **General** → **Backup and reset** → **Factory data reset** → **Reset device** → **Delete all**. Before performing the factory data reset, remember to make back-up copies of all important data stored on the device.

If the problem is still not resolved, contact a Samsung Service Centre.

Calls are not connected

- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number you are dialing.
- Ensure that you have not set call barring for the incoming phone number.

Others cannot hear you speaking on a call

- Ensure that you are not covering the built-in microphone.
- Ensure that the microphone is close to your mouth.
- If using a headset, ensure that it is properly connected.

Sound echoes during a call

Adjust the volume by pressing the Volume button or move to another area.

A cellular network or the Internet is often disconnected or audio quality is poor

- Ensure that you are not blocking the device’s internal antenna.
- When you are in areas with weak signals or poor reception, you may lose reception. You may have connectivity problems due to issues with the service provider’s base station. Move to another area and try again.
- When using the device while moving, wireless network services may be disabled due to issues with the service provider’s network.

The battery icon is empty

Your battery is low. Recharge or replace the battery.

The battery does not charge properly (For Samsung-approved chargers)

- Ensure that the charger is connected properly.
- If the battery terminals are dirty, the battery may not charge properly or the device may turn off. Wipe both gold-colored contacts and try charging the battery again.
- The batteries in some devices are not user-replaceable. To have the battery replaced, visit a Samsung Service Centre.

The battery depletes faster than when first purchased

- When you expose the battery to very cold or very hot temperatures, the useful charge may be reduced.
- Battery consumption increases when you use messaging features or some applications, such as games or the Internet.
- The battery is consumable and the useful charge will get shorter over time.

Your device is hot to the touch

When you use applications that require more power or use applications on your device for an extended period of time, your device may feel hot to the touch. This is normal and should not affect your device's lifespan or performance.

Error messages appear when launching the camera

Your device must have sufficient available memory and battery power to operate the camera application. If you receive error messages when launching the camera, try the following:

- Charge the battery or replace it with a battery that is fully charged.
- Free some memory by transferring files to a computer or deleting files from your device.
- Restart the device. If you are still having trouble with the camera application after trying these tips, contact a Samsung Service Centre.

Photo quality is poorer than the preview

- The quality of your photos may vary, depending on the surroundings and the photography techniques you use.
- If you take photos in dark areas, at night, or indoors, image noise may occur or images may be out of focus.

Error messages appear when opening multimedia files

If you receive error messages or files do not play, when opening multimedia files on your device, try the following:

- Free some memory by transferring files to a computer or deleting files from your device.
- Ensure that the music file is not Digital Rights Management (DRM)-protected. If the file is DRM-protected, ensure that you have the appropriate licence or key to play the file.
- Ensure that your device supports the file type.

- Your device supports photos and videos captured with the device. Photos and videos captured by other devices may not work properly.
- Your device supports multimedia files that are authorized by your network service provider or providers of additional services. Some content circulated on the Internet, such as ringtones, videos, or wallpapers, may not work properly.

Another Bluetooth device is not located

- Ensure that the Bluetooth wireless feature is activated on your device.
- Ensure that the Bluetooth wireless feature is activated on the device you wish to connect to.
- Ensure that your device and the other Bluetooth device are within the maximum Bluetooth range (10 m).

If the tips above do not solve the problem, contact a Samsung Service Centre.

A connection is not established when you connect the device to a computer

- Ensure that the USB cable you are using is compatible with your device.
- Ensure that you have the proper driver installed and updated on your computer.
- If you are a Windows XP user, ensure that you have Windows XP Service Pack 3 or higher installed on your computer.
- Ensure that you have Samsung Kies or Windows Media Player 10 or higher installed on your computer.

Your device cannot find your current location

GPS signals may be obstructed in some locations, such as indoors. Set the device to use Wi-Fi or a mobile network to find your current location in these situations.

Data stored on the device has been lost

Always make backup copies of all important data stored on the device. Otherwise, you cannot restore data if it is corrupted or lost. Samsung is not responsible for the loss of data stored on the device.

A small gap appears around the outside of the device case

- This gap is a necessary manufacturing feature and some minor rocking or vibration of parts may occur.
- Over time, friction between parts may cause this gap to expand slightly.

Some content may differ from your device depending on the region, service provider, or software version, and is subject to change without prior notice.

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